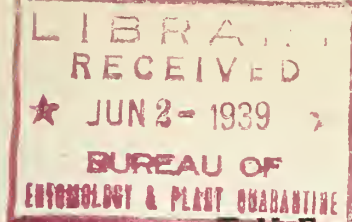


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THE INSECT PEST SURVEY
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Chelysoma guttatum H. S.-----	8	542
Chermes abietis L.-----	1	23
	5	301
Chermes cooleyi Gill.-----	5	296
Chermes lariciatus Patch-----	6	371
Chermes pinicorticis Fitch. <u>See</u> Pineus strobi Htg.		
Chermes sp.-----	1	23
Chermes strobilobius Kltb.-----	5	297
Chilo simplex (Butl.)-----	6	384
Chilocorus cacti L.-----	4	182
Chionaspis americana Johns.-----	3	127
Chionaspis euonymi Comst.-----	2	77
	6	375
	7	504
	9	618
Chionaspis furfura (Fitch)-----	3	103
	6	365
	9	611
Chionaspis pinifoliae (Fitch)-----	1	23
	2	75-76
	7	500
	8	563-564
Chironomus spp.-----	3	135
	6	315, 378
Chloealtis conspersa Harr.-----	6 (Sup.)	407, 409, 429
Chlorion ichneumoneum L.-----	7	502-503
Chlorochroa sayi Stal-----	2	59-60
	6	316
Chorizagrotis auxiliaris (Grote)-----	2	51, 55
	3	87, 92, 93
	4	154
	5	246, 247

<i>Chortippus longicornis</i> Latr.-----	6 (Sup.)	394, 398, 399, 405, 406 407, 409, 413, 419, 429 435, 436, 437, 438, 439
<i>Chortophaga</i> spo.-----	1	8
	2	53
	3	90
<i>Chortophaga viridifasciata</i> (Deg.)-----	2	54
	3	90
	6 (Sup.)	423, 427
<i>Chrysobothris femorata</i> (Oliv.)-----	1	14
	3	107
	4	169
	6	333
	8	536
<i>Chrysomela interrupta</i> F.-----	7	501
<i>Chrysomela lapponica</i> L.-----	5	302
<i>Chrysomela scripta</i> F.-----	5	302
	6	371
	7	501
<i>Chrysomela tremulae</i> F.-----	6	371
	8	564
	9	610
	10	675
<i>Chrysomphalus aonidum</i> (L.)-----	1	25
	5	273
	7	471
	9	596
<i>Chrysomphalus aurantii</i> (Mask.)-----	1	15
(Changed to <i>Aonidiella aurantii</i> (Mask.))		
	3	131
	4	213
	7	471
	9	617
<i>Chrysomphalus obscurus</i> (Comst.)-----	6	369
<i>Chrysomphalus personatus</i> Comst.-----	1	32
<i>Chrysomyza demandata</i> F.-----	1	32
<i>Chrysops callidus</i> O. S.-----	6	380
<i>Chrysops flavidus</i> Wied.-----	6	380
<i>Chrysops</i> spp.-----	2	79
<i>Cicadellidae</i> -----	2	65
	3	109
	6	328
	9	619
<i>Cimex americana</i> Leach-----	5	302-303
	6	367
	7	496
<i>Cimex lectularius</i> L.-----	9	624
<i>Cimex pilosellus</i> Horv.-----	7	506
<i>Cinara strobili</i> Fitch-----	9	614
<i>Cirphis unipuncta</i> (Haw.)-----	2	51, 57
	3	87, 91, 96-97
	4	147, 152-153, 159-160
	5	241, 251-252

Cirphis unipuncta (Haw.) Cont'd.-----	6	314,316,326-327
	7	445,454
	8	522,527
	9	583
	10	664-665
Cnephasia longana (Haw.)-----	3	102
	4	186
	5	285
	9	597
Coccidae-----	8	540
Coccinella quinque-notata Kby.-----	4	174
Coccus hesperidum L.-----	3	110
	9	618
Cochliomyia americana C. & P.-----	1	2,27
	2	80
	4	218
	5	307-308
	6	379
	7	508
	8	520,571-572
	9	622
	10	683,685
Cochliomyia macellaria (F.)-----	4	80,218
	7	508
	9	622
Cochliomyia sp.-----	9	622
Colaspis brunnea (F.)-----	8	552
Colaspis pini Barber-----	6	370
Colaspis viridiceps Schaeff.-----	8	532
Coleophora caryaefoliella Clem.-----	6	342
	8	539
Coleophora fletcherella Fern.-----	4	181
Coleophora laricella Hbn.-----	2	75
	3	127
	4	209
	5	296-297
Coleophora malivorella Riley-----	4	173
	6	335
Coleoptera-----	3	130
Colletes rufithorax Smith-----	4	213
Coloradia pandora Blake-----	7	499
Coninotus constrictus Gyll.-----	7	512
Conocentrus concinnus delicatus Brun.-----	6 (Sup.)	413
Conopia acerni Clem.-----	4	210
Conopia bibionipennis (Bdv.)-----	9	604
Conopia exitiosa (Say)-----	3	108
	4	177
	5	268
	7	467
	8	538
	9	579,593
	10	667

<i>Conopia pyri</i> Harr.-----	4	178
<i>Conopia rhododendri</i> Beut.-----	9	619
<i>Conotrachelus affinis</i> Boh.-----	6	342
	7	469
<i>Conotrachelus anaglypticus</i> Say-----	6	375
<i>Conotrachelus nenuphar</i> (Hbst.)-----	1	2, 14
	2	52, 66
	3	108-109
	4	175-176
	5	266-267
	6	315, 338
	7	446, 465-466
	8	538
	10	667
<i>Conozoa carinata</i> Rehn-----	6 (Sup.)	390, 391
<i>Contarinia virginianae</i> Felt-----	6	365
<i>Cordillacris crenulata</i> Brun.-----	6 (Sup.)	390, 391, 394, 396
		401, 403, 404, 409, 413
		417, 419, 429, 433, 434
		439
<i>Cordillacris occipitalis</i> Thos.-----	6 (Sup.)	394, 398, 401, 409
		412, 413, 415, 419, 423
		429, 439
<i>Corizus sidae</i> (F.)-----	8	568
<i>Corythucha ciliata</i> (Say)-----	4	212
	7	501
<i>Corythucha cydoniae</i> Fitch-----	4	213
<i>Corythucha ulmi</i> O. & D.-----	7	496
<i>Cosmopepla bimaculata</i> (Thos.)-----	8	543
<i>Cotalpa lanigera</i> L.-----	5	301
<i>Cotinis nitida</i> (L.)-----	2	73
	3	87, 95
	3 (Sup.)	145
	4	199
	6	322
	7	451
	9	584
<i>Crambus caliginosellus</i> Clem.-----	4	200
<i>Crambus</i> sp.-----	5	287
	6	373
<i>Cratypedes neglectus</i> Thos.-----	6 (Sup.)	409, 439
<i>Cremastus flavoorbitalis</i> (Cameron)-----	9 (Sup.)	635, 651, 654, 656
<i>Crematogaster</i> <u>near</u> <i>laeviuscula</i> Mayr-----	4	223
<i>Crematogaster lineolata</i> Say-----	6	382
<i>Creontiades debilis</i> Van D.-----	8	557
<i>Grioceris asparagi</i> (L.)-----	1	18
	3	118
	4	195
	5	283
	6	353
	7	483
	8	549
<i>Cryptococcus fagi</i> (Baer.)-----	4	208

Cryptolaemus sp.-----	5	273
Crypterhynchus lapathi (L.)-----	5	302
(Changed to Sternochetus lapathi (L.))	8	565
	9	615
Culex pipiens L.-----	3	134
	6	378
	9	620
Culex spp.-----	7	506
Culex tarsalis Coq.-----	1	27
	3	134
Culicinae-----	2	79
	4	219
	5	307
	7	447, 506
	8	570-571
	9	620
Culicoides canithorax Hoff.-----	3	135-136
Culicoides spp.-----	2	52, 79
	3	135-136
Curculio caryae (Horn)-----	1	2, 20
	6	342
	7	470
	9	595
Cuterebra sp.-----	9	625
Cylas formicarius (F.)-----	1	19
	3	120
	10	670
Cylindrocopterus adspersus Lec.-----	5	306
Cyllene robiniae (Forst.)-----	6	368
	8	561
Dactylotum pictum (Thos.)-----	6 (Sup.)	394, 413, 417, 419 423, 429, 439
	7	449
Daihinia brevipes Hald.-----	5	277
Dasyneura communis Felt-----	5	297
	7	497
Dasyneura leguminicola (Lint.)-----	9	590
Dasyneura mali (Kieff.)-----	5	266
Dasyneura pyri (Kieff.)-----	7	467
Dasyneura rhodophaga (Coq.)-----	10	682
Datana contracta Walk.-----	8	558
Datana integerrima G. & R.-----	2	67
	5	242, 272-273
	6	315, 372
	7	446, 470
	8	565
	9	615
Datana ministra (Drury)-----	6	335
	7	446, 462
	8	534, 558
Datana perspicua G. & R.-----	6	372

Datana sp.-----	7	500
Decticinae-----	6 (Sup.)	433
Deltocephalus inimicus Say-----	9	586
Dendroctonus brevicornis Lec.-----	9	580, 613
	10	674
Dendroctonus convexifrons Hopk.-----	10	674
Dendroctonus frontalis Zimm.-----	3	128
	7	447, 499
	9	613
	10	673
Dendroctonus monticolae Hopk.-----	10	674
Dendroctonus piceaperda Hopk.-----	8	564
	10	673
Dendroctonus ponderosae Hopk.-----	10	673, 674
Dendroctonus pseudotsugae Hopk.-----	10	674
Dendroctonus terebrans (Oliv.)-----	5	299
	9	613
Dendrothrips ornatus Jabl.-----	7	505
	8	569
Dermacentor albipictus (Pack.)-----	3	137
Dermacentor andersoni Stiles-----	3	136, 137
	5	243
Dermacentor sp.-----	6	381
Dermacentor variabilis (Say)-----	2	52, 80
	3	136
	4	221-222
	5	310
	7	447, 507-508
	8	571
	9	621
	10	683-684
Dermestes vulpinus F.-----	7	512
Derotnema haydenii Thos.-----	6 (Sup.)	394, 398, 401, 409
		413, 417, 419, 429, 439
Derotnema longipennis-----		
(An erroneous name; should have been Dissosteira longipennis)		
Desmia funeralis (Hbn.)-----	5	271
	7	468
	8	538-539
Diabrotica balteata Lec.-----	1	2, 16
	5	280
	6	345
	7	474
	8	520, 541-542
	9	601
Diabrotica duodecimpunctata (F.)-----	1	16-17
	2	69
	3	113-114
	4	164
	5	275
	6	330, 345, 346
	7	474
	8	541
	9	597, 616

Diabrotica longicornis (Say)-----	6	330
	7	460
Diabrotica soror Lec.-----	1	2, 17
	3	114
	4	184
	8	542
Diabrotica spp.-----	7	473-474
	8	541
Diabrotica trivittata (Mann.)-----	8	542
Diabrotica vittata (F.)-----	3	114
	4	194-195
	5	274-275
	6	316, 345-346
	7	473-474
	8	541
	9	597
Dialeurodes chittendeni Laing-----	3	89, 133
	10	682
Dialeurodes citri (Ashm.)-----	2	66
	3	111
	4	181
	5	273
	6	343
	7	470-471
	8	540
Dialeurodes citrifolii (Morg.)-----	5	273
	6	343
	7	470
Dialeurodes spp.-----	8	520, 540
Diaphania hyalinata (L.)-----	6	353
	7	482
	8	549
Diaphania nitidalis (Stoll)-----	5	283
	6	353
	7	482-483
	8	520, 548
	9	580, 603
Diapheromera femorata (Say)-----	6 (Sup.)	429
	8	520, 559
	9	610
Diapheromera velii Walsh-----	6 (Sup.)	429
Diarthronomyia hypogaea (Loew)-----	5	303
	6	374
Diaspis boisduvalii Sign.-----	1	26
Diaspis carueli Targ.-----	5	304
	6	376
	7	505
	8	569
	9	618
Diatraea cranbidoides (Grote)-----	7	461
Diatraea grandiosella Dyar-----	2	60
Diatraea saccharalis (F.)-----	1	12
	2	62
	3	102
	4	167

<i>Diatraea saccharalis</i> (F.) (Cont'd.)-----	5	260
	7	461
	8	534
	9 (Sup.)	629
<i>Dichomeris marginellus</i> F.-----	2	78
	6	376
	7	504
	8	569
<i>Dichromorpha viridis</i> (Scudd.)-----	6 (Sup.)	392, 393, 398, 413
<i>Dinoderus minutus</i> F.-----	3	139
<i>Diplopoda</i> -----	5	285-286
<i>Diprion frutetorum</i> F.-----	8	520, 562
	10	684
<i>Diprion polytomum</i> (Htg.)-----	6	317, 371
	8	523
	9	580, 615
	10	677-678
<i>Diprion sinile</i> (Htg.)-----	5	300
<i>Dissosteira carolina</i> (L.)-----	6	318, 319
	6 (Sup.)	390-394, 398, 399, 401
		405, 407-409, 411, 413
		417, 419, 423, 427, 429
		435, 436, 439
	8	524
<i>Dissosteira longipennis</i> Thos.-----	1	8
	3	90
	4	147, 150
	5	245
	6	319
	6 (Sup.)	385, 386, 388, 389
		393, 394, 396, 397, 401
		403, 413, 416-418, 423
		429, 432, 433, 443
	8	519, 524
	9	582
	10	658
<i>Dissosteira spurcata</i> Sauss.-----	6 (Sup.)	435
<i>Doru aculeatum</i> (Scudd.)-----	7	461
<i>Doru lineare</i> (Fsch.)-----	8	576
<i>Dorymyrmex pyramicus flavus</i> McCook-----	8	574-575
<i>Drepanopterna femoratum</i> Scudd.-----	6 (Sup.)	394, 401, 403, 409
		413, 417, 419, 429, 433
		434, 435, 439
<i>Drosophila</i> sp.-----	1	32
	9	594
<i>Dysdercus suturellus</i> (H. S.)-----	7	490
	8	557
	9	608
<i>Ecdytolopha insiticiiana</i> Zell.-----	7	497
<i>Echidnophaga gallinacea</i> (Westw.)-----	3	137
	4	220
	8	574

<i>Eciton caecum</i> (Latr.)-----	10	685
<i>Ectopsocus</i> sp.-----	8	577
<i>Ehrhornia cupressi</i> Ehrh.-----	8	560
	9	611
<i>Elasmopalpus lignosellus</i> (Zell.)-----	4	185
	5	258
	7	446, 458-459
	8	543
	9	601
<i>Elateridae</i> -----	1	9
	3 (Sup.)	145
	4	155-156
	5	243, 248
	6	313, 320-321
	7	450
	9	583
<i>Eleodes opaca</i> (Say)-----	9	583
<i>Eleodes</i> spp.-----	9	579, 583
<i>Eleodes suturalis</i> Say-----	6	321
<i>Eleodes tricotata</i> Say-----	6	321
<i>Ellopiia fuscicollis</i> Guen.-----	8	521
<i>Ellopiia fuscicollis</i> lugubrosa Hulst.-----	7	493
	10	677
<i>Emphytus cinctipes</i> Nort.-----	9	604
(Changed to <i>Allantus cinctus</i> (L.))		
<i>Empoasca fabae</i> (Harr.)-----	3	88, 116
	4	189
	5	278
	6	315, 347-348
	7	476, 484
	8	533, 545
<i>Empria fragariae</i> Rohw.-----	5	285
<i>Encarsia formosa</i> Gahan-----	3	114-115
<i>Enchenopa binotata</i> Say-----	7	502
	9	616
<i>Encyrtolophus pallidus subgracilis</i> Caud.-----	6 (Sup.)	423, 433
<i>Encyrtolophus sordidus</i> (Burn.)-----	6 (Sup.)	417, 418
<i>Encyrtolophus sordidus costalis</i> Scudd.-----	6 (Sup.)	394, 398, 401, 405-409
		413, 419, 439
<i>Encyrtolophus sordidus sordidus</i> (Burn.)-----	6 (Sup.)	398, 405
<i>Ennomos subsignarius</i> (Hbn.)-----	5	292
	7	498
<i>Epargyreus tityrus</i> F.-----	6	368
<i>Ephestia cautella</i> (Walk.)-----	8	576
<i>Ephestia clutella</i> (Hbn.)-----	8	520, 550
	10	670-671
<i>Ephestia figulilella</i> Greg.-----	9	594
<i>Ephestia kuehniella</i> Zell.-----	8	576
	9 (Sup.)	629
<i>Epicaerus formidolosus</i> Boh.-----	6	357
<i>Epicaerus imbricatus</i> (Say)-----	3	114
<i>Epicauta cinerea</i> (Forst.)-----	6	344, 345
	7	473

<i>Epicauta lemniscata</i> F.-----	6	344, 345
	7	473
<i>Epicauta maculata</i> (Say)-----	6	345
<i>Epicauta marginata</i> (F.)-----	7	473, 504
<i>Epicauta pennsylvanica</i> (Deg.)-----	5	275
	6	344
	7	473
<i>Epicauta</i> sp.-----	5	276
<i>Epicauta vittata</i> (F.)-----	5	275-276
	6	344, 345
	7	473
<i>Epilachna borealis</i> (F.)-----	4	193
	7	482
<i>Epilachna varivestis</i> Muls.-----	1	18
	3	88, 116
	4	148, 189-190
	5	242, 279-280
	6	348-350
	7	446, 477-479
	8	520, 545-546
	9	580, 600
	10	668
<i>Epinotia aceriella</i> Clem.-----	7	498
<i>Epinotia meritana</i> Heinr.-----	2	52, 75
<i>Epitrix cucumeris</i> (Harr.)-----	3	115
	3 (Sup.)	143
	4	188
	5	277-278, 287
	6	347, 355
	7	475-476
<i>Epitrix parvula</i> (F.)-----	1	20
	2	52, 72
	3	121
	3 (Sup.)	141-143
	4	199
	8	550
	9	605
<i>Epitrix</i> spp.-----	2	70
	7	475-476
<i>Epitrix subcrinita</i> Lec.-----	3	116
	7	476
<i>Erannis tiliaria</i> (Harr.)-----	6	365
<i>Eriocampoides linacina</i> (Retz.)-----	5	269
(Changed to <i>Caliroa cerasi</i> (L.))		
	6	339
	7	467
	8	538
<i>Eriococcus azaleae</i> Const.-----	2	77
	3	133
	5	305
	7	503
	8	567

Eriophyes oleivorus Ashm. <u>See</u> Phyllocoptes oleivorus Ashm.		
Eriophyes pini Nal.-----	5	301
Eriophyes pyri Pgst.-----	5	269
	6	339
Eriophyes sheldoni Ewing-----	7	472
Eriopyga incincta Morr.-----	3	92
Eriosoma americanum (Riley)-----	5	296
	6	367
Eriosoma lanigerum (Hausm.)-----	1	13
	2	65
	4	173
	5	264
	6	336
	8	523
	9	618
Eristalis tenax L.-----	1	32
Eritettix simplex tricarinatus (Thos.)-----	6 (Sup.)	429
Erythraspides pygmaea (Say)-----	7	468
	8	539
Erythroneura comes (Say)-----	2	67
	3	110
	4	180
	6	315, 341
	7	468, 469
	8	523, 570
	9	594
Erythroneura comes ziczac Walsh-----	3	110
Erythroneura hartii (Gill.)-----	3	109
Erythroneura lawsoniana Bak.-----	3	109
Erythroneura obliqua (Say)-----	3	109
Erythroneura spp.-----	7	468, 469
Erythroneura tricincta cymbium McAtee-----	7	469
Estigmene acraea (Drury)-----	3	93
	4	201
	7	446, 474, 475
Etiella zinckenella (Treit.)-----	3	117
Euborellia annulipes (Lucas)-----	6	383
	7	511
Eucraphis betulae L.-----	9	610
Eucosona helianthana Riley. (Cited in error: <u>See</u> Sulierna helianthana Riley.)		
Euethecla rugiceps (Lec.)-----	1	12
	2	62
	3	140
	4	168
	5	258
Eulimneria alcae Ell. & Sacht.-----	9 (Sup.)	635
Eulophus viridulus Thoms.-----	9 (Sup.)	635
Eumerus tuberculatus Rond.-----	1	25
Euphoria inda (L.)-----	3	95
	8	531

<i>Euphoria sepulcharis</i> F.-----	5	258
	8	531
<i>Eurosta solidaginis</i> Fitch-----	5	304
<i>Eurymus eurytheme</i> (Bdv.)-----	2	56
(Changed to <i>Colias eurytheme</i> Bdv.)		
	4	166
	8	532
	9	590
<i>Euryophthalmus convivus</i> (Stal)-----	6	340
<i>Euschistus inflatus</i> Van D.-----	5	286
<i>Eusimulium clarum</i> D. & S.-----	3	134-135
<i>Eusimulium griseum</i> Coq.-----	1	28
<i>Eusimulium pecuarum</i> (Riley)-----	1	28
	2	82
<i>Eusimulium</i> spp.-----	1	2, 28
	2	52, 82
<i>Eutettix tenellus</i> (Bak.)-----	2	72
	3	121
	7	476
	10	669-670
<i>Eutrombidium trigonum</i> Hermann-----	3	90
	7	448
<i>Euxoa messoria</i> (Harr.)-----	3 (Sup.)	145
	5	247
<i>Evergestis straminealis</i> Hbn.-----	9	602
<i>Exeristes roborator</i> F.-----	9 (Sup.)	635
<i>Feltia annexa</i> (Treit.)-----	2	55
	3	93
	5	246
<i>Feltia ducons</i> (Walk.)-----	4	153
<i>Feltia gladiaria</i> Morr.-----	2	55
	3	92
	4	152
	5	246
<i>Feltia subgothica</i> (Haw.)-----	2	55
	3 (Sup.)	145
	4	154
<i>Feltia venerabilis</i> Walk.-----	3	92
	4	154
	5	247
<i>Fenusa punila</i> Klug-----	7	495
<i>Fiorinia theae</i> Green-----	1	25
<i>Forficula auricularia</i> L.-----	4	186
	6	383
	7	511
	8	522, 575-576
	10	680
Formicidae-----	6	381-382
	8	574

Frankliniella fusca (Hinds)-----	3 (Sup.)	145
	4	200, 204
	5	287
	6	346
Frankliniella insularis Frankl.-----	5	281
Frankliniella tritici (Fitch)-----	3	124
	4	204, 212
	5	291
Galerucella xanthomelaena (Schr.)-----	3	127
	4	203-209
	5	295
	6	315, 366-367
	7	447, 495-496
	8	560
	9	611
	10	674-675
Gargaphia solani Heid.-----	6	353
	7	484
Gasterophilus haemorrhoidalis (L.)-----	5	310
Gasterophilus intestinalis (Deg.)-----	4	220
	5	310
	6	380
	8	573
Gasterophilus nasalis (L.)-----	5	310
	6	380
	7	509
Gasterophilus spp.-----	5	310
	9	624
Geometridae-----	1	2, 21
	2	52, 74-75
	3	89, 125
	4	205-206
	5	292
	9	609
Giardomyia sp.-----	9	619
Gibbium psylloides Czemp.-----	3	139
Gnorimoschema lycopersicella (Busck)-----	1	2, 18
	4	189
	5	278
	8	544
	9	599
	10	669
Gnorimoschema operculella (Zell.)-----	5	278
	6	347, 354
	8	520, 544
	9	599-600
Goniurus proteus (L.)-----	9	601
(Changed to Urbanus proteus (L.))		
Gossyparia spuria (Mod.)-----	1	21
	4	209
	5	296
	6	367

Gracilaria azaleella Brants.-----	5	303
Gracilaria negundella Chamb.-----	10	679
Gracilaria sp.-----	10	679
Gracilaria syringella F.-----	4	215
Gracilia minuta F.-----	4	223
Grapholitha molesta (Busck)-----	1	14
	2	52, 65-66
	3	108
	4	176-177
	5	242, 267-268
	6	314, 317, 337-338
	7	446, 466-467
	8	523, 537
	9	593
	10	666-667
Grapholitha prunivora (Walsh)-----	8	534
Graptolitha antennata (Walk.)-----	4	172-173
	5	294
Gretchena bolliana (Sling.)-----	4	181
	5	273
Gryllidae-----	1	17
	3	121-122
	4	186-187
	7	475
Gryllotalpa hexadactyla Perty-----	3	115
	4	187
	6	346
	7	475
	8	576
Gryllus assimilis F.-----	4	187
	7	449
	8	575
	9	625
Gryllus domesticus L.-----	4	224
	7	511
	8	575
Gymnosoma fuliginosa Desv.-----	2	60
Hadrobregmus carinatus Say-----	4	223
Hadrotettix trifasciatus Say-----	6 (Sup.)	394, 398, 401, 409
		413, 417, 419, 423, 429
		433, 439
Haemaphysalis leporis-palustris Pack.-----	5	243
	8	574
Haematobia irritans L.-----	1	27-28
	2	81
	3	136-137
	4	219
	5	308
	6	380
	7	509
	8	572
	9	623

Haematopinus eurysternus Nitz.-----	1	29
	5	309
	9	623
Haematopinus suis (L.)-----	2	83
(Changed to Haematopinus adventicius Neum.)		
Halisidota argentata Pack.-----	3	127
Halisidota caryae (Harr.)-----	8	558
Halisidota harrisi Walsh-----	8	565
Halisidota sp.-----	8	565
Halisidota tessellaris (A. & S.)-----	8	558
Halticinae-----	4	148, 183
Halticus bractentus Say-----	8	568
Halticus citri (Ashm.)-----	1	18
	3	121
	4	195, 200
	7	502
	8	566
Hamadryas antiopa (L.)-----	2	55, 56
	3	93
	5	302
	6	367
Harnolita grandis (Riley)-----	4	162
Harnolita tritici (Fitch)-----	4	162
	5	255
	8	528
Heliothis obsoleta (F.)-----	2	51, 60, 73
	3	88, 98-99, 124
	3 (Sup.)	144
	4	148, 163, 188
	5	241, 255-256, 278
	6	314, 328-329, 359-360
	7	445, 447, 455-456, 488-
		489
	8	519, 522, 528-529, 544
		555-556
	9	579, 587-588, 598-599
		606-607
	10	664, 671-672
Heliothis virescens (F.)-----	2	73
	3	121
	3 (Sup.)	144
	4	199
	5	286
	5	291
Heliothrips fasciatus Perg.-----		
(Changed to Hercothrips fasciatus (Perg.))		
Heliothrips haemorrhoidalis (Bouche)-----	6	374
Hellula undalis (F.)-----	9	602
Hemerocampa leucostigma (A. & S.)-----	6	364
Hemerocampa oslari Barnes-----	9	611
Hemerocampa pseudotsugata McD.-----	9	580, 611
	10	677
Hemerocampa vetusta (Bdv.)-----	5	304
Hemichroa washingtonia Rohw. & Midd.-----	6	365

Hemileuca maia (Drury)-----	4	210
Hemileuca nevadensis Stretch-----	5	301
	6	371
Hermetia illucens L.-----	8	545
Hesperotettix speciosus (Scudd.)-----	6 (Sup.)	394, 401, 403, 423
		426, 429, 433, 434
Hesperotettix viridis (Thos.)-----	6 (Sup.)	394, 398, 401, 407
		409, 413, 417, 419
		423, 427, 429, 435
		439
Hesperotettix viridis pratensis Scudd.-----	6 (Sup.)	423
Heteroderes laurentii (Guer.)-----	3	94
Heterocampa manteo Dbldy.-----	8	558, 559
	9	580, 609
Heterospilus sp.-----	4	224
Hexarthrum ulkei Horn-----	3	139
	7	513
Hippelates dorsatus Loew-----	8	571
Hippelates spp.-----	2	79
	3	135
	6	378
	7	507
	8	571
Hippiscus corallipes (Hald.)-----	4	151
Hippiscus rugosus (Scudd.)-----	3	90
	6 (Sup.)	392, 393, 394, 398
		401, 413, 423, 429
Hippodamia convergens Guen.-----	5	298
	8	549
Holotrichia mindanaona Brenske-----	9	589
Homalopalpia dalera Dyar-----	1	15
Homaledra sabalella Chamb.-----	6	376
Hoplopsyllus affinis Baker-----	4	217
Horistonotus uhlerii Horn-----	6	320
Hylastinus obscurus (Marshall)-----	4	167
	5	260
Hylemya antiqua (Meig.)-----	5	284
Hylemya brassicae (Bouche)-----	3	117
	4	191-192
Hylemya cilicrura (Rond.)-----	1	17
	3 (Sup.)	146
	4	185, 192
	5	274
	10	680
Hylobius pales (Hbst.)-----	3	128
Hylobius radicis Buchanan-----	1	22-23
	4	211
Hylotrupes bajalus L.-----	6	383
	9	626
Hypera moles F.-----	7	479
Hypera postica (Gyll.)-----	1	1, 11
	1 (Sup.)	33-50
	2	60-61
	3	99-100

Hypera postica (Gyll.) (Cont'd.)-----	4	166
	5	259
	6	314, 331-332
	8	532
	9 (Sup.)	639-642
	10	661-662
Hypera punctata (F.)-----	2	61-62
	3	101-102
	4	166
Hypermallus villosus (F.)-----	6	369
	7	498
	8	559
Hyphantria cunea (Drury)-----	2	75
	3	126
	5	273, 294
	6	342, 364
	7	447, 492
	8	520, 558
	9	609
Hyphantria spp.-----	7	492
Hyphantria textor Harr.-----	5	293-294
	6	364
Hypochlora alba (Dodge)-----	6 (Sup.)	394, 401, 409, 413, 419
		429, 439
Hypoderma bovis (Deg.)-----	2	81
Hypoderma lineatum (DeVill.)-----	9	623
Hypoderma spp.-----	1	28
	2	52, 81
Hypsopygia constalis (F.)-----	7	461
	9	588
Hysteroneura setariae (Thos.)-----	2	66
	6	339
Icerya purchasi Mask.-----	1	24
	2	76
	6	374
	8	566
	9	617
Ichthyura inclusa Hbn.-----	6	371
	7	501
Idechthis canescens Grav.-----	6	382
Illinoia pisi (Kltb.)-----	1	11
(Changed to Macrosiphum pisi (Kltb.)	2	51, 61
	3	88, 100-101
	4	148, 164-165, 193
	5	242, 281
	6	350
	7	460
	8	532
	9	580, 601
	10	668

<i>Illinoia solanifolii</i> (Ashm.)-----	3	119,132
(Changed to <i>Macrosiphum solanifolii</i> (Ashm.))	4	216
	6	348,353
	8	547
<i>Inareolata punctoria</i> Roman-----	9 (Sup.)	629,631-635,637 650-651,653-656
<i>Ips calligraphus</i> Germ.-----	9	613
<i>Iridomyrmex humilis</i> Mayr-----	6	342,382
	9	625
<i>Iridomyrmex pruinosus analis</i> Andre-----	6	382
<i>Isoptera</i> -----	6	331
	9	625
<i>Itame ribearia</i> (Fitch)-----	5	271
<i>Ithycerus noveboracensis</i> (Forst.)-----	4	175
	5	265
<i>Ixodes ricinus scapularis</i> Say-----	2	83
	9	624
<i>Kermes pubescens</i> Bogue-----	5	299
	7	499
<i>Labops hirtus</i> Knight-----	4	162
<i>Labrorychus prismaticus</i> Nort.-----	9 (Sup.)	650,651,654
<i>Lachnus</i> sp.-----	9	615
<i>Lachnus thujafilina</i> Del G.-----	1	25
	2	77
	3	131
	4	214
<i>Laetilia coccidivora</i> Comst.-----	3	130
	9	614
<i>Lampra alternata</i> Grote-----	5	246
<i>Languria mozardi</i> Latr.-----	4	167
<i>Laphygma exigua</i> (Hbn.)-----	2	74
	5	290
<i>Laphygma frugiperda</i> (A. & S.)-----	2	74
	5	248
	6	329
	7	445,456-457
	8	519,529-530
	9	579,582
	10	665
<i>Lasioderma serricorne</i> (F.)-----	9	627
<i>Lasioptera vitis</i> O. S.-----	5	271
<i>Lasius interjectus</i> Mayr-----	1	30
	4	223
<i>Lasius niger neoniger</i> Emery-----	4	223
<i>Laspeyresia caryana</i> (Fitch)-----	3	111
	4	181
	9	595
<i>Laspeyresia coniferana</i> Ratz.-----	10	684
<i>Laspeyresia nigricana</i> (Steph.)-----	7	479
<i>Latrodectus mactans</i> (F.)-----	8	571
	9	621

Lecaniodiaspis sp.-----	1	22
Lecanium corni Bouche-----	5	261
Lecanium coryli L.-----	4	179
Lecanium nigrofasciatum Perg.-----	1	14, 23
	5	298
	6	368
Lecanium persicae (F.)-----	3	127
Lecanium quercifex Fitch-----	3	128
Leis dimidiatus F.-----	2	52, 67
Lema sexpunctata Oliv.-----	8	542
Leperisinus aculeatus Say-----	7	513
Lepidosaphes beckii (Newm.)-----	6	343
	7	471
	8	540
	9	596
Lepidosaphes camelliae Hoke-----	1	25
Lepidosaphes ficus (Sign.)-----	3	112
Lepidosaphes ulmi (L.)-----	2	76
	3	130-131
	4	213
	5	303
	7	502
Leptinotarsa decemlineata (Say)-----	1	17
	2	70
	3	88, 115
	4	148, 187-188
	5	277
	6	315, 316, 346-347
	7	475
	8	543
Leptinotarsa juncta (Germ.)-----	8	543
Leptocoris trivittatus (Say)-----	1	30-31
	2	85
	7	495
	9	626
Leptoglossus phyllopus (L.)-----	9	590
Leucocnemis sp.-----	3	93
Lichenomima lugens Hagen-----	9	626
Ligyris gibbosus (Deg.)-----	4	184-185
	5	306
	6	345
Limoniis agonus Say-----	3	94
	3 (Sup.)	145
	4	155
	9	583
Limoniis californicus (Mann.)-----	1	1, 9
	2	72
	3	94
	4	156
	6	321
	8	526
Limoniis canus Lec.-----	3	94
Limoniis dubitans Lec.-----	9	583
Limoniis infuscatus Mots.-----	3	94

Linognathus piliferus Burm.-----	1	29
Linognathus spp.-----	2	83
	4	221
Linognathus vituli L.-----	1	28-29
	2	82
Liometopus occidentalis Emery-----	4	223
Liponyssus bacoti (Hirst)-----	1	27
	2	79-80
	3	136
	4	218
	7	507
Liponyssus bursa Berlese-----	5	307
Liponyssus sylviarum C. & F.-----	6	379
Listroderes apicalis Wtrh.-----	4	182
Listroderes obliquus Klug-----	1	2,15-16,20
	2	52,69
	3	83,113
	3 (Sup.)	145
	4	182
	10	667-668
Listronotus latiusculus (Boh.)-----	1	19
	4	196
Lithocolletes blanchardella F.-----	7	464
Lithocolletes conglomeratella Zell.-----	7	498
Lithocolletes hamadryella Clem.-----	6	369
Lixus concavus Say-----	5	286
Longistigma caryae (Harr.)-----	7	469
	8	540,559-560
Loxostege similalis (Guen.)-----	7	450
	9	580,597
Loxostege spp.-----	7	450
	9	580
Loxostege sticticalis (L.)-----	4	155
	5	247
	6	314,316,323
	7	450
	8	532
	9	582
Lucilia sericata Meig.-----	4	221
Lucilia spp.-----	2	82
	6	380
	9	622
Ludius aereipennis (Kby.)-----	5	248
Ludius aereipennis destructor Brown-----	6	321
Lycophotia margaritosa saucia Hbn.-----	3	87,91,96
(Changed to Peridroma margaritosa (Haw.))		
	3 (Sup.)	145
	4	151,152,153,159
	5	246
	7	449-450
Lyctus planicollis Lec.-----	4	224
Lydella stabulans Meig.-----	9	588
Lydella stabulans griseocens R. D.-----	9 (Sup.)	635,649-656

Lygaeonematus erichsonii (Htg.)-----	7	496
	8	521, 561
Lygus elisus hesperius Knight-----	2	61
	7	460
Lygus elisus Van. D.-----	7	460
Lygus pratensis L.-----	2	63
(Changed to Lygus pratensis oblineatus (Say))	3	103
	3 (Sup.)	146
	4	203
	6	355, 361
	7	446, 474
	8	523, 538, 570
Lygus spp.-----	4	203
Macremphytus tarsatus Say-----	7	503
Macremphytus varianus Nort.-----	7	503
Macrobasis immaculata Say-----	6	345
	7	473
Macrobasis segmentata Say-----	5	276
	6	345
	7	473
Macrobasis toras Lec.-----	5	276
Macrobasis unicolor (Kby.)-----	5	275
	6	345
Macrocentrus gifuensis Ashm.-----	9 (Sup.)	629, 631-634, 636, 637
		651, 653, 655, 656
Macroductylus subspinosus (F.)-----	4	158
	5	250
Macronoctua onusta Grote-----	7	504
Macrosiphoniella sanborni (Gill.)-----	2	77
	3	131
	8	567
	9	617
Macrosiphum rosae (L.)-----	2	78
	3	133
	8	570
Macrosiphum rubiellum harpagorubus Knlt.-----	4	179
Macrosiphum spp.-----	9	594
Magdalis armicollis (Say)-----	5	296
Maglicicada septendecim (L.)-----	10	672-673
Malacosoma americana (F.)-----	1	12-13
	2	64
	3	38, 105-106
	4	172
	5	243, 263
	10	665-666
Malacosoma californica (Pack.)-----	2	76
	3	103
Malacosoma disstria Hbn.-----	1	21
	3	89, 103, 125-126
	4	206-207
	5	243, 292-293

Malacosoma disstria Hbn. (Cont'd.)-----	6	315,363
	7	447,493
	8	559
	9	609
	10	676
Malacosoma pluvialis (Dyar)-----	4	207
	6	363
Malacosoma sp.-----	5	293
	8	559
Mamestra picta Harr.-----	4	186
(Changed to Ceramica picta Harr.)		
Margarodes sp.-----	3	131
Matsucoccus matsumurae Kuw.-----	6	370
Matsucoccus sp.-----	3	129
	10	680
Megamelus davisii Van D.-----	6	377
Megamelus proserpina Kirk.-----	6	384
Melanocallis caryaefoliae (Davis)-----	6	342
	7	469
	8	540
	9	596
Melanoplus alpinus Scudd.-----	6 (Sup.)	439
Melanoplus angustipennis (Dodge)-----	6 (Sup.)	394, 396, 401, 405, 407 409, 411, 412, 413, 415 419, 423, 426, 429, 439 442, 443
Melanoplus angustipennis impiger Scudd.-----	6 (Sup.)	426-427
Melanoplus arizonae Scudd.-----	6 (Sup.)	394, 423, 433
Melanoplus bispinosus Scudd.-----	6 (Sup.)	401, 426
Melanoplus bivittatus (Say)-----	4	149, 150
	5	244, 245
	6	318, 319
	6 (Sup.)	386-387, 390-443 448, 449
	7	582
	9	439
Melanoplus borealis (Fieber)-----	6 (Sup.)	439
Melanoplus bowditchi Scudd.-----	6 (Sup.)	394, 396, 410, 419, 439
Melanoplus bowditchi bowditchi Scudd.-----	6 (Sup.)	423, 426
Melanoplus bruneri Scudd.-----	6 (Sup.)	407, 419, 439
Melanoplus confusus Scudd.-----	4	150
	5	244
	6 (Sup.)	394, 398, 401, 407, 410, 413, 419, 423, 427, 429 431, 439
Melanoplus dawsoni Scudd.-----	6 (Sup.)	405, 407, 408, 410, 419 429, 431, 435, 437, 438 439
Melanoplus devastator Scudd.-----	6	320
Melanoplus differentialis (Thos.)-----	1	8
	2	53
	4	149, 150
	5	245
	6	318, 319

Melanoplus differentialis (Thos.) (Cont'd.)-----	6 (Sup.)	386-404, 410-435, 439 443
	7	448, 449
	8	519, 524
	9	581, 582
Melanoplus dodgei (Thos.)-----	6 (Sup.)	430
Melanoplus fasciatus (Walk.)-----	6 (Sup.)	430
Melanoplus femur-rubrum (Deg.)-----	3	90
	4	149
	5	245
	6	320
	6 (Sup.)	386-424, 430-443
	7	448
	8	524
	9	581
Melanoplus flavidus Scudd.-----	6 (Sup.)	401, 424, 427, 430, 433 440
Melanoplus flavidus flavidus Scudd.-----	6 (Sup.)	395, 413, 415, 417, 419
Melanoplus fluviatilis Brun.-----	6 (Sup.)	433, 440
Melanoplus foedus Scudd.-----	6 (Sup.)	395, 396, 397
Melanoplus foedus fluviatilis Brun.-----	6 (Sup.)	401, 410, 413, 424, 426 430, 431
Melanoplus foedus foedus Scudd.-----	6 (Sup.)	401, 413, 415, 417, 418 424, 430, 440, 443
Melanoplus foedus iselyi Hebard-----	6 (Sup.)	424, 426, 427
Melanoplus gladstoni Scudd.-----	6 (Sup.)	390, 391, 395, 398, 407 410, 414, 417, 419, 430 440
Melanoplus glaucipes (Scudd.)-----	6 (Sup.)	424, 426
Melanoplus impiger Scudd.-----	6 (Sup.)	401, 426, 427, 433
Melanoplus infantilis Scudd.-----	6 (Sup.)	395, 401, 405, 407, 410 420, 421, 430, 435, 440
Melanoplus keeleri luridus (Dodge)-----	6 (Sup.)	395, 398, 405, 407, 414 435, 436, 440
Melanoplus kennicottii Scudd.-----	6 (Sup.)	410, 440
Melanoplus lakinus (Scudd.)-----	6 (Sup.)	390, 391, 395, 396, 402 403, 414, 417, 418, 424 426, 430, 431, 433, 434
	8	525
Melanoplus marginatus (Scudd.)-----	6	320
Melanoplus mexicanus (Sauss.)-----	3	90
	4	149, 150
	5	244, 245
	6	313, 318-319, 320
	6 (Sup.)	386-443
	7	448, 449
	8	519, 524-525
	9	581
	10	658
Melanoplus occidentalis (Thos.)-----	6 (Sup.)	390, 391, 395, 398, 399 402, 403, 410, 414, 417 418, 420, 424, 430, 431 433, 434, 440

Melanoplus oklahomae Hebard-----	6 (Sup.)	424
Melanoplus oregonensis (Thos.)-----	6 (Sup.)	440
Melanoplus packardii Scudd.-----	5	245
	6	319
	6 (Sup.)	390, 391, 395, 398, 402
		403, 407, 414, 417, 427
		430, 436, 440, 443
	7	449
Melanoplus ponderosus ponderosus (Scudd.)-----	6 (Sup.)	424
Melanoplus ponderosus viola (Thos.)-----	6 (Sup.)	424
Melanoplus regalis (Dodge)-----	6 (Sup.)	395, 402, 414, 424, 433
		434
Melanoplus scudderi scudderi (Uhl.)-----	6 (Sup.)	424
Melanoplus spp.-----	5	244
	6 (Sup.)	390, 414, 440
	8	525
Melanoplus texanus (Scudd.)-----	6 (Sup.)	424
Melanoplus yarrowii (Thos.)-----	6 (Sup.)	390
Melanotus oregonensis (Lec.)-----	3	94
Melanotus sp.-----	5	248
Melanoxantherium smithiae Monell-----	7	501
	8	565
Melittia satyriniformis Hbn.-----	4	193
	6	352
	7	432
	8	548
	9	603
Meloidae-----	5	275-276
	6	315, 344, 345
	7	473
Melophagus ovinus (L.)-----	1	29
	4	221
Meogastrallus librinocens Fisher-----	4	224
Mermiria bivittata (Serv.)-----	6 (Sup.)	424
Mermiria maculipennis Brun.-----	6 (Sup.)	395, 402, 410, 414, 415
		420, 424, 430, 431, 433
		435, 436, 440
Mermiria maculipennis macclungi Rehn-----	6 (Sup.)	414, 440
Mermiria neomexicana (Thos.)-----	6 (Sup.)	395, 402, 417
Mermiria sp.-----	6 (Sup.)	390, 391, 417, 433
Meromyza americana Fitch-----	5	254
	7	455
Mestobregma plattei Thos.-----	6 (Sup.)	398
Metator pardalinus Sauss.-----	6 (Sup.)	395, 402, 407, 410, 411
		414, 415, 418, 420, 421
		422, 424, 430, 440, 442
Meteorus nigricolis Thoms.-----	9 (Sup.)	636
Metriona bicolor (F.)-----	5	284
Metriona bivittata Say-----	5	284
Microbracon brevicornis Wesm.-----	9 (Sup.)	629, 630, 632-637
Microbracon mellitor Say-----	8	551
Microbregma emarginatum Duft.-----	6	383
Microgaster tibialis Nees.-----	9 (Sup.)	636

Microplectron fuscipennis Zett.-----	10	678
Mincola indigenella (Zell.)-----	3	103
Miridae-----	5	253
	6	332
Miris dolobratus (L.)-----	4	161, 167
	5	253
Mocis repanda F.-----	8	534
Mollusca-----	5	259
Monarthropalpus buxi Laboulb.-----	3	131
	4	214
Monellia costalis Fitch-----	7	469
Monochamus notatus Drury-----	6	383
Monochamus scutellatus Say-----	6	383
Monochamus titillator F.-----	6	383
	8	563
Monocrepidius vespertinus F.-----	6	321
Monomorium pharaonis (L.)-----	6	382
	7	510
	9	625
Mononychus vulpeculus F.-----	5	304
Monophadnoides rubi (Harr.)-----	4	179
	5	270
Monopis crocicapitella Clem.-----	1	31
Monotoma parallela Lec.-----	9	627
	10	683
Monotoma quadrioveolata Aube-----	9	627
Mordwilkoja vagabunda (Walsh)-----	3	129
Murgantia histrionica (Hahn)-----	2	52, 71
	3	88, 117-118
	4	192
	5	282
	6	315, 351-352
	7	481
	8	547-548
	9	603
Muscina pabulorum (Fall.)-----	10	685
Mycophila fungicola Felt-----	9	605
Myzocallis californicus Baker-----	5	298-299
Myzocallis kahawaluokalani Kirk.-----	7	503
	9	617
Myzus cerasi (F.)-----	4	178
	5	269
Myzus cressi G. & P.-----	8	568
Myzus ornatus Laing-----	3	89, 130
Myzus persicae (Sulz.)-----	1	19
	2	71
	3	119
	4	186
	5	276
	6	348, 353
	7	477
	9	604
Myzus sp.-----	9	619

Naupactus leucoloma Boh.-----	4	158
	6	314, 344
	10	663-664
Naupactus sp.-----	4	158
	10	664
Nemobius fasciatus Deg.-----	8	576
Nemorilla floralis Fall.-----	9 (Sup.)	636
Neoborus amoenus Reut.-----	4	208
Neoclytus acuminatus (F.)-----	9	612
Neoclytus capraea Say-----	6	365
Neodiprion abbotti Leach-----	6	370
	8	563
Neodiprion abietis (Harr.)-----	5	300
Neodiprion banksianae Rohw.-----	3	128
Neodiprion lecontei (Fitch)-----	9	614
Neodiprion pinetum Nort.-----	5	300
	6	370
	9	613
Neodiprion sertifer Geoff.-----	5	300
	6	370
	10	678
Neodiprion sp.-----	3	128
	5	299-300
	6	370
	8	563
	9	613
	10	678-679
Neolecanium cornuparvum (Thro)-----	6	376
Neopodismopsis abdominalis Thos.-----	6 (Sup.)	420, 440
Neoprociphilus aceris Monell-----	5	298
	7	498
Nephelodes emmedonia (Cram.)-----	4	152, 153
Nephrotoma sodalis Loew-----	3 (Sup.)	146
Nopytia canosaria Walk.-----	10	677
Neuroterus saltatorius Edwards-----	8	562
Neuroterus umbilicatus Bass.-----	6	369
Neurotoma inconspicua Nort.-----	5	270
Nezara viridula (L.)-----	5	276
	8	542, 557
Noctuidae-----	1	8-9
	2	55
	3	87, 91-93
	3 (Sup.)	145
	4	147, 151-155
	5	241, 242-243, 246-247
	7	449-450
Nodonota puncticollis (Say)-----	4	213
	5	305-306
Nomius pygmaeus (Dej.)-----	7	512, 513
Nomophila sp.-----	4	167
Nygma phaeorrhoea (Donov.)-----	10	675-676
Nysius ericae (Schill.)-----	1	19
	4	158
	6	346

Nysius ericae (Schill.) (Cont'd.)-----	8	542
	9	598
Oberca bimaculata (Oliv.)-----	6	340
	8	539
Ochrosidia borealis Arrow-----	4	158
	6	322
	9	616
Ochrosidia immaculata Oliv.-----	9	584
Ochrosidia spp.-----	9	584
Ochrosidia villosa (Burm.) <u>See</u> Ochrosidia borealis Arrow.		
Oecanthus nigricornis quadripunctatus Beut.---	5	306
Oecanthus niveus (Deg.)-----	3	110
Oedionychis gibbitarsa Say-----	4	183
Oestris ovis L.-----	2	83
	4	221
	7	510
	8	574
	9	624
Olene achatina (A. & S.)-----	8	562
Omphalocera dentosa Grote-----	6	374
Oncideres cingulatus (Say)-----	6	369
	9	595
Oncometopia undata F.-----	5	306
	9	610
Opeia obscura Thos.-----	6 (Sup.)	390, 391, 395, 402, 404 407, 410, 414, 420, 430 433, 440
Opeia testacea Scudd.-----	6 (Sup.)	390
Opius humilis Silv.-----	6	384
Orchestes pallicornis Say-----	5	265
(Changed to Rhynchaenus pallicornis (Say))		
Orchestes rufipes Lec.-----	6	373
Ornithodoros megnini Duges-----	9	623
Ornix geminatella Pack.-----	7	464
Orphulella compta Scudd.-----	6 (Sup.)	390, 391
Orphulella desereta Scudd.-----	6 (Sup.)	435
Orphulella pelidna (Burm.)-----	6 (Sup.)	392, 393, 395, 398, 399 402, 404, 407, 410, 414 420, 424, 430, 440
Orphulella speciosa (Scudd.)-----	6 (Sup.)	398, 399, 402, 403, 405 407, 414, 420, 424, 430 440
Oryzaephilus surinamensis (L.)-----	1	31
	7	513
	9	627
Oxyptilus periscelidactylus (Fitch)-----	5	271
(Changed to Pterophorus periscelidactylus Fitch)		
Pachylobius picivorus Germ.-----	3	128
Pachynematus extensicornis Nort.-----	5	260

Pachnaeus opalus Oliv.-----	5	281
	7	466
	10	683
Pachnaeus sp.-----	3	112
Pachypsylla celtidis-mamma Riley-----	1	21
	9	612
Paleacrita vernata (Peck)-----	2	52, 74-75
	4	205-206
	5	292
Palmodes laeventris Cress.-----	6	325
	10	661
Pantomorus godmani Crotch-----	6	322
	7	452-453
	8	519, 527
	9	584
Panzeria penitalis Coq.-----	9 (Sup.)	650, 654
Papaipema nebris nitela Guen.-----	4	189
	5	242, 257
	6	314, 322-323
	8	567
Papaipema purpurifascia (G. & R.)-----	6	375
Papilio cresphontes Cram.-----	3	93
	9	596
Papilio glaucus turnus (L.)-----	2	56
Papilio thoas L.-----	7	471
	9	596
Paragrotis scandens Riley-----	4	153
Parastichtis bicolorago Guen.-----	3	92
	3 (Sup.)	145
	4	153
Paratetranychus alpinus McG.-----	8	566
Paratetranychus citri McG.-----	1	15
	2	68
Paratetranychus pilosus (C. & F.)-----	1	14
	2	65
	4	169-170
	5	266
	6	336-337
	7	446, 465
	8	523
	9	591
Paratetranychus uniunguis Jacobi-----	5	302
	6	371-372
	7	500
Paratetranychus yothersi McG.-----	6	366
Paratrioza cockerelli Sulc.-----	3	116
	4	189
	5	279
	6	315, 348
	7	446, 476
	8	523
Paratylotropidia brunneri Scudd.-----	6 (Sup.)	424
Pardalophora apiculata (Harr.)-----	6 (Sup.)	424

Pardalophora haldemanii (Scudd.)-----	2		54
	6 (Sup.)	395, 425, 430,	440
Pardalophora phoenicoptera (Burm.)-----	6 (Sup.)		425
Pardalophora saussurei Scudd.-----	6 (Sup.)		425
Pardalophora sp.-----	6 (Sup.)		402
Parharmonia pini Kellicott-----	1		22
Parlatoria olea Colv.-----	9		619
Parlatoria pergandii camelliae Comst.-----	1		25
Parlatoria zizyphi Sign.-----	1		32
Paropomala wyomingensis Thos.-----	6 (Sup.)	395, 414,	417
Paropomala wyomingensis wyomingensis Thos.-----	6 (Sup.)		425
Pseudococcus spp.-----	1		24
Paurocephala ilecis Ashm.-----	1		25-26
Pectinophora gossypiella (Saund.)-----	2		73
	3		125
	4		202
	5		289
	6		357-358
	7		447, 489
	8		556
Pegomya hyoscyami (Panz.)-----	3		119
	5		284
Pegomya rubivora (Coq.)-----	6		340
Pelecotoma flavipes Melsh.-----	4		223
Pelidnota punctata L.-----	7		468
Pemphigus rhois Fitch-----	7		501
Penthaleus major Duges-----	7		447, 480
	10		684
Peregrinus maidis Ashm.-----	7		460
	8		531
	9		579, 589
Periclista hicoriae Rohw.-----	3		111
Periclista sp.-----	3		111
Perillus bioculatus F.-----	5		283
Periphyllus lyropictus (Kess.)-----	4		210
	5		297
	7		498
	8		561
Periphyllus populicola Thos.-----	8		564
Periplaneta americana (L.)-----	5		311
Petrova comstockiana (Fern.)-----	4		211-212
Phaeogenes nigridans Wesm.-----	9 (Sup.)	629, 631-634,	636, 637
			654, 656
Phenacoccus acericola King-----	4		210
Phenacoccus dearnessi King-----	4		209
Philaenus leucophthalmus L.-----	3		120
	4		186
Philonix pezomachoides O. S.-----	9		612
Philosamia cynthia Drury-----	3		93
Phlibostroma quadrimaculatum Thos.-----	6 (Sup.)	395, 396, 402, 403,	410
		411, 414, 415, 417,	420
		421, 425, 426, 427,	430
		433, 434, 441,	442
Phloeosinus cristatus Lec.-----	7		505

Phoetaliotes nebrascensis (Thos.)-----	6 (Sup.)	395, 398, 399, 402, 407 410, 414, 420, 430, 435 436, 441
Phormia regina Meig.-----	1	29
Phorocera erecta Coq.-----	9 (Sup.)	636
Phorodon humili (Schr.)-----	5	284
Phyllaphis fagi L.-----	5	294-295
Phyllobius oblongus L.-----	5	265
Phyllocnistus liriiodendrella Clem.-----	8	565
Phyllocoptes oleivorus Ashm.-----	1	2, 15
	2	68
	3	112
	4	182
	6	343
	7	472
	8	540
	9	596
Phyllocoptes quadripes Shim.-----	4	210
	5	298
	6	369
Phyllocoptes schlechtendali Nal.-----	6	334
Phyllophaga anxia (Lec.)-----	4	157
	4 (Sup.)	228, 230, 233, 236, 238
Phyllophaga balia (Sav)-----	4 (Sup.)	228, 233, 236, 238
Phyllophaga congrua Lec.-----	3	95
Phyllophaga crenulata (Froel.)-----	4	156
	4 (Sup.)	228, 233, 236, 238
	5	248
Phyllophaga crinita Burm.-----	3	95
Phyllophaga drakei (Kby.)-----	4 (Sup.)	228, 230, 233, 236, 238
Phyllophaga fervida F.-----	3	95
Phyllophaga forsteri Burm.-----	3	94
Phyllophaga fusca (Froel.)-----	4	157
	4 (Sup.)	227, 228, 230, 232, 233- 238, 240
Phyllophaga futilis Lec.-----	4 (Sup.)	228, 232, 233, 234, 236 238, 240
Phyllophaga glabricula Lec.-----	5	249
Phyllophaga gracilis Burm.-----	5	248
Phyllophaga hirticula Knoch-----	3	94
	4	156
	4 (Sup.)	226-228, 230, 232, 233 234-238, 240
	9	583
Phyllophaga ilicis (Knoch)-----	4 (Sup.)	228, 232, 233, 235-238 240
Phyllophaga implicita (Horn)-----	4 (Sup.)	227, 228, 230, 232-238 240
Phyllophaga inversa (Horn)-----	4 (Sup.)	233, 238
Phyllophaga lanceolata Say-----	1	9
	2	59
	3	97
	4	157
	5	249

Phyllophaga marginalis (Lec.)-----	4 (Sup.)	228, 233, 236, 238
Phyllophaga micans Knoch-----	3	95
	4	156
Phyllophaga nitida (Lec.)-----	4 (Sup.)	228, 230, 233, 236, 238
Phyllophaga praetermissa Horn-----	4	156
Phyllophaga prunina (Lec.)-----	4 (Sup.)	228, 232, 236, 238
Phyllophaga prununculina Burn.-----	5	248
Phyllophaga rugosa (Melsh.)-----	4 (Sup.)	227, 228-230, 232-238
		240
	5	248
Phyllophaga spp.-----	1	1, 9
	2	51, 54-55
	3	87, 94-95
	4	156-157
	4 (Sup.)	225-240
	5	243, 248-249
	6	354
	7	445, 450-451
	8	522
	9	583-584, 621
	10	679
Phyllophaga spreta (Horn)-----	4 (Sup.)	228, 230, 232, 235, 236
		238
Phyllophaga tristis F.-----	4	156, 157
	4 (Sup.)	226-228, 230-238, 240
Phyllophaga uniformis Blanch.-----	5	248
Phyllotreta pusilla Horn-----	5	276
Phyllotreta vittata F.-----	4	183
Phylloxera devastatrix Perg.-----	4	181
Phylloxera sp.-----	3	111
	6	341
Phylloxera vitifoliae (Fitch)-----	8	539
Physokermes insignicola Crawf.-----	7	500
Physokermes piceae Schr.-----	7	500
Physostegania pustularia Guen.-----	5	292
Phytodecta pallida L.-----	5	301
Phytomyza aquilegiae Hardy. <u>See</u> P. minuscula Gour.		
Phytomyza atricornis Meig.-----	10	683
Phytomyza chrysanthemi (Kowarz)-----	3	567
Phytomyza ilicis Curt.-----	2	77-78
	3	132
	4	215
Phytomyza minuscula Gour.-----	8	567-568
Phytophaga destructor (Say)-----	2	51, 58-59
	3	87, 97
	4	147, 162
	5	241, 253-254
	6	327-328
	7	446, 455
	7 (Sup.)	515-517
	8	519, 527-528
	9	585-586
	10	659-660

Pieris monuste (L.)-----	4	191
Pieris rapae (L.)-----	2	70
	3	117
	4	191
	5	282
	6	316, 351
	7	480
	8	547
	9	601-602
Pikonema alaskensis Rohw.-----	6	371
Pikonema dimmockii Cress.-----	9	615
Pinnaspis buxi Bouche-----	6	384
Pineus strobi (Htg.)-----	3	129
	5	301
	7	500
	8	563
Pinipestes zimmermanni Grote-----	6	370
Pissodes nemorensis Germ.-----	1	26
	3	131
	9	613
Pissodes strobi (Peck)-----	2	75
	7	499
	8	563
Pityophthorus sp.-----	7	499
Plagiodera versicolora Laich.-----	7	501
Plathypena scabra (F.)-----	1	11
	3	102
	8	533
	9	601
Platycampus laricis Roh. & Midd.-----	9	612
	10	677
Platycampus larivicornis Rohw. & Midd.-----	7	496
	9	612
	10	677
Platypus flavicornis (F.)-----	9	613
Platysamia cecropia (L.)-----	3	93
(Changed to Samia cecropia (L.))		
	7	493
Plectrodera scalator F.-----	7	500
Plodia interpunctella (Hbn.)-----	3	139
	6	382
Plutella maculipennis (Curt.)-----	1	18
	5	282
Podosesia syringae (Harr.)-----	5	305
	8	569
Poecilocapsus lineatus (F.)-----	5	303
Pogonomyrmex barbatus (F. Smith)-----	4	223
	6	382
Pogonomyrmex occidentalis Cress.-----	7	510
Polia renigera (Steph.)-----	5	247
Polistes canadensis annularis L.-----	3 (Sup.)	144
Polistes fuscatus rubiginosus Lep.-----	3 (Sup.)	144
Polistes fuscatus variatus Cress.-----	7	510-511
Pollenia rudis (F.)-----	1	32
	2	85

Polycaon confertus Lec.-----	5	305
Polychrosis viteana (Clem.)-----	6	341
	7	468
	9	579,594
Popillia japonica Newm.-----	3	95
	4	157
	5	249-250
	6	313,321-322
	7	445,451-452
	8	519,526
	10	680-681
Porcellio laevis Latr.-----	7	513
Porcellionidea pruinosis Brdt.-----	7	513
Porosagrotis orthogonia Morr.-----	1	1,9
(Changed to Agrotis orthogonia Morr.)		
	3	93
	4	153
	5	242,247
Porthetria dispar (L.)-----	4	207
	6	364
	7	447,493
	9	609
	10	675
Priomerus calceatus Say-----	3	132
Prionidae-----	9	612
Prionoxystus robiniae (Peck)-----	1	21
	2	76
	5	294
	7	494
Prionus latidollis (Drury)-----	9	613
Prionus sp.-----	8	552
Prociphilus erigeronensis Thomas-----	8	566
Prociphilus fraxinifolii Riley-----	6	365
Prociphilus tessellatus (Fitch)-----	4	210
	5	297
	6	368
Prodenia eridania (Cram.)-----	6	355
Prodenia ornithogalli Guen.-----	4	153
	5	246,247
Prodesmotopa latipes Meig.-----	9	626
Profenusa collaris MacG.-----	4	178
	5	270
Prosimulium hirtipes Fries-----	3	134
	4	217
Protoparce quinquemaculata (Haw.)-----	3 (Sup.)	143-144
	5	286
	6	354
	7	477
	8	523,550
	9	605
Protoparce sexta (Johan.)-----	3	89,121
	3 (Sup.)	143-144
	5	286
	6	347
	7	477
	9	605

Protoparce spp.-----	1	20
	3 (Sup.)	143-144
	4	189, 199
	6	347, 354
	8	543, 550
	9	600
Psallus seriatus (Reut.)-----	2	73-74
	3	89, 123-124
	4	202-203
	5	290-291
	6	360-361
	7	490
	8	556-557
	9	608
	10	672
Pseudococcus adonidum (L.)-----	3	130
Pseudococcus brevipes (Ckll.)-----	2	68
Pseudococcus citri (Risso)-----	3	112
	4	181
	5	273
	6	343
	8	566
	9	616
Pseudococcus comstocki Kuw.-----	2	77
	9	592
Pseudococcus cuspidata Rau.-----	6	377
Pseudococcus maritimus (Ehrh.)-----	7	469
Pseudococcus spp.-----	1	24
	3	130
	9	616-617
Pseudopomala brachyptera (Scudd.)-----	6 (Sup.)	435, 441
Psocidae-----	6	383
	7	512
	8	577
	9	626
Psocus sp.-----	7	512
Psocus striatus Walker-----	9	626
Psoloessa delicatula Scudd.-----	6 (Sup.)	390
Psoloessa delicatula delicatula Scudd.-----	6 (Sup.)	395
Psorophora ciliata F.-----	7	506
Psorophora colombiae D. & K.-----	6	378
Psoroptes communis ovis Hering-----	4	221
Psorosina hammondi (Riley)-----	6	335
	8	536
Psylla buxi (L.)-----	5	303
Psylla pyricola (Foerst.)-----	2	66
	3	109-110
	4	178
	5	268
	6	339
	7	467
Psylliodes punctulata Melsh.-----	2	70
	4	198
Psyllopsiis fraxinicola Foerst.-----	6	365
Pterocyclon fasciatum Say-----	8	577
Pteronidea ribesii (Scop.)-----	5	271

Ptinus brunneus Duft.	3	139
Ptinus fur L.	4	224
Ptinus tectus Boieldieu	2	85
Ptychodes trilineatus L.	7	472
Pulvinaria vitis (L.)	4	210
	5	298
	6	369
Pycnoscelus surinamensis (L.)	8	523
Pyrausta nubilalis (Hbn.)	1	10
	3	99
	4	163-164
	5	256-257
	6	314, 329
	7	445, 457-458
	8	519, 522, 530, 545
	9	579, 588
	9 (Sup.)	629-637, 643-647, 649-656
	10	658-659
Pyroderces rileyi Wlsm.	9	589
Recurvaria milleri Busck	6	370
	9	614
Recurvaria piceaella Kearf.	5	301
	8	564
Recurvaria sp.	5	301
	9	614
	10	679
Reticulitermes flavipes Koll.	2	83, 84
	3	138
	6	381
Reticulitermes spp.	1	30
	2	83-84
	3	138
	4	222
	6	381
Reticulitermes tibialis Banks	1	30
	2	84
	3	138
	6	381
Retinodoplosis resinicola O. S.	5	300-301
Rhabdophaga strobiloides Walsh	8	565
Rhagoletis cingulata (Loew)	5	269
	6	317, 339
	8	538
Rhagoletis fausta (O. S.)	5	269
Rhagoletis pomonella (Walsh)	5	265
	6	336
	7	464-465
	8	520, 536-537
	9	593
Rhagoletis spp.	6	339

Rhipicephalus sanguineus (Latr.)-----	1	29-30
	4	222
	7	509-510
	9	621
Rhizoglyphus hyacinthi Bdv.-----	9	618
Rhizoglyphus phylloxera Riley-----	9	628
Rhizopertha dominica F.-----	9	628
Rhodites nebulosus Bass.-----	5	305
Rhodobaenus tredecimpunctatus (Ill.)-----	5	306
	7	503
Rhopalosiphum prunifolia (Fitch)-----	2	64, 65
	3	107
	4	173
Rhopalosiphum pseudobrassicae (Davis)-----	1	18
	2	71
	4	196
	7	483
	8	549
	9	604
Rhopalosiphum subterraneum Mason-----	4	203
Rhopobota naevana ilicifoliaria Kearf.-----	4	215
Rhyacionia buoliana (Schiff.)-----	1	22
	3	128
	4	211
	5	299
	8	562
	10	679
Rhyacionia frustrana Comst.-----	4	211
	7	499
	8	562
	9	580, 614
	10	679
Rhyacionia rigidana Fern.-----	5	299
Rhynchites bicolor (F.)-----	4	216
	5	305
	6	376
Romalea microptera (Beauv.)-----	3	90
Saissetia oleae (Bern.)-----	7	471
Saperda calcarata Say-----	1	23
Saperda candida F.-----	4	169
	6	375
	8	536
Sarcophaga kellyi Ald.-----	5	245
	7	449
Sarcophaga sp.-----	8	573
	9	622
Scapteriscus acletus R. & H.-----	3	115
	4	187
	7	475
	8	576
Scapteriscus spp.-----	1	17
	3 (Sup.)	145

<i>Scapteriscus vicinus</i> Scudd.-----	2	70
<i>Schistocerca alutacea</i> Harr.-----	6 (Sup.)	405
<i>Schistocerca americana</i> Drury-----	9	579, 581
<i>Schistocerca americana americana</i> (Drury)-----	6 (Sup.)	425
<i>Schistocerca lineata</i> Scudd.-----	6 (Sup.)	398, 402, 414, 417, 418
		425, 433, 435, 436, 441
<i>Schistocerca obscura</i> (F.)-----	6 (Sup.)	425
<i>Schistocerca shoshone</i> Thos.-----	6 (Sup.)	390, 417, 418
<i>Schistocerca</i> sp.-----	6 (Sup.)	417
<i>Schistoceros hamatus</i> (F.)-----	7	468, 513
<i>Schizura coccinna</i> (A. & S.)-----	6	342
	7	462
	3	534
	9	595
<i>Schizura unicornis</i> (A. & S.)-----	8	561
<i>Sciara inconstans</i> Fitch-----	1	24
<i>Scobicia declivis</i> (Lec.)-----	3	139
	5	311
<i>Scolytus multistriatus</i> (Marsham)-----	4	209
	10	673
<i>Scolytus rugulosus</i> (Ratz.)-----	6	333
	7	462
<i>Scotogramma trifolii</i> (Rott.)-----	5	247
<i>Scymnus</i> sp.-----	3	112
<i>Selenothrips rubrocinctus</i> (Giard)-----	9	596
<i>Sericothrips variabilis</i> (Beach)-----	4	204
<i>Sibine stimulea</i> (Clem.)-----	7	507
<i>Silpha ramosa</i> Say-----	5	285
<i>Silvius quadrivittatus</i> Say-----	6	380
<i>Simulium meridionale</i> Riley-----	4	220
<i>Simulium</i> spp.-----	6	380
	3	574
<i>Simulium vittatum</i> Zett.-----	3	137
	4	220
	6	380
<i>Sira buskii</i> Lubbock-----	7	512
<i>Sira platani</i> Nicolet-----	6	379
	7	512
<i>Sira</i> sp.-----	6	379
<i>Sitodrepa panicea</i> L.-----	6	382
(Changed to <i>Stegobium paniceum</i> (L.))		
<i>Sitona lineatus</i> L.-----	5	243
<i>Sitophilus granarius</i> (L.)-----	9	627
<i>Sitophilus oryza</i> (L.)-----	9	627
<i>Sitotroga cerealella</i> (Oliv.)-----	9	626
<i>Solenopsis geminata</i> (F.)-----	2	84
<i>Solenopsis molesta</i> (Say)-----	6	382
	7	510
<i>Solenopsis saevissima richteri</i> Forel-----	4	222
<i>Solenopsis xyloni</i> McCook-----	1	24
	2	85
	4	222
	6	382
	7	510

<i>Solenopsis xyloni</i> McCook (Cont'd.)-----	8	575
	9	625
<i>Sparaisson pilosum</i> Ashm.-----	10	661
<i>Spharagemon collare</i> (Scudd.)-----	6 (Sup.)	395, 398, 402, 403, 405
		407, 410, 411, 414, 417
		420, 421, 425, 430, 433
		435, 441
<i>Spharagemon equale</i> Say-----	6 (Sup.)	395, 398, 402, 410, 414
		420, 425, 427, 430, 433
		435, 441
<i>Spharagemon superbum</i> Hebard-----	6 (Sup.)	425
<i>Sphecodina abbottii</i> Swains.-----	6	373
<i>Spilonota ocellana</i> (D. & S.)-----	3	106
	5	263
<i>Steiroxys</i> sp.-----	6	325
<i>Stenopa vulnerata</i> Loew-----	3	532
<i>Stephanitis pyrioides</i> Scott-----	7	503
	8	567
<i>Stephanitis rhododendri</i> Horv.-----	1	26
	5	305
	3	569
<i>Stethophyma lineatum</i> Scudd.-----	6 (Sup.)	407
<i>Stethorus punctum</i> Lec.-----	1	23
<i>Stictocephala festina</i> Say-----	2	61
	4	165
	5	259
	6	332
	7	460
	9	589
<i>Stilpnotia salicis</i> (L.)-----	3	126
	6	363
	7	493
	10	676
<i>Stomacoccus platani</i> Ferris-----	4	212
<i>Stomoxys calcitrans</i> (L.)-----	1	28
	2	80-81
	3	136
	4	218-219
	5	309
	6	379-380
	7	509
	8	572-573
	9	622-623
<i>Strigoderma arboricola</i> F.-----	5	280-281
	6	345
	3	546
<i>Stromatium fulvum</i> Villiers-----	3	577
	10	684
<i>Strymon melinus</i> (Hbn.)-----	6	360
	7	479
	3	556
<i>Suliema helianthana</i> Riley-----	5	306
	6	377

<i>Supella supellectilium</i> Serv.-----	4	224
	7	511
	8	576
<i>Susana cupressi</i> Rohw. & Midd.-----	3.	126
<i>Symmerista albifrons</i> (A. & S.)-----	8	558
<i>Syneta albida</i> Lec.-----	8	538
<i>Syntomeida epilais</i> Walk.-----	2	78
	3	133
	6	343
<i>Syntomeida epilais jucundissima</i> Dyar-----	4	215
<i>Syrbula admirabilis</i> (Uhl.)-----	6 (Sup.)	392, 393, 398, 402, 404
		425, 433
<i>Systema elongata</i> F.-----	4	183
<i>Systema taeniata</i> Say-----	2	70
	3	114
	5	276
<i>Tabanidae</i> -----	4	220
	5	309
	8	573
	9	624
<i>Tabanus atratus</i> F.-----	3	137
	4	220
	5	309
<i>Tabanus benedictus</i> Whit.-----	6	380
<i>Tabanus lineola</i> F.-----	3	137
	4	220
	5	309
	6	380
<i>Tabanus lineola scutellaris</i> Walk.-----	6	380
<i>Tabanus punctifer</i> O. S.-----	8	573
<i>Tabanus sonomensis</i> O. S.-----	8	573
<i>Tabanus sulcifrons</i> Macq.-----	6	380
<i>Tabanus trijunctus</i> Walk.-----	4	220
<i>Tachycines asynamorus</i> Adel.-----	4	213
<i>Tachypterellus quadrigibbus</i> (Say)-----	5	265
	8	536
<i>Taeniothrips inconsequens</i> (Uzel)-----	3	110
	4	178
<i>Taeniothrips simplex</i> (Morison)-----	1	25
	3	132
	4	214-215
	5	304
	6	375
	7	504
	8	568
<i>Taniva albolineana</i> Kearf.-----	3	129
<i>Tarachidia heonix</i> Dyar-----	10	684
<i>Tarsonemus pallidus</i> Banks-----	1	27
<i>Telea polyphemus</i> Cran.-----	8	558
<i>Telenomus</i> sp.-----	8	539
<i>Tenebroides mauritanicus</i> (L.)-----	7	513
	9	627

Tephritis finalis Loew-----	8	568
Terastia meticulosalis Guen.-----	9	617
Tetraleurodes mori (Quaint.)-----	9	618
Tetramorium caespitum (L.)-----	2	84
	6	381
	7	510
Tetranychus pacificus McG.-----	4	180
	8	535
Tetranychus sexmaculatus Riley-----	2	68
	3	112
Tetranychus sp.-----	6	372
Tetranychus telarius (L.)-----	1	10, 19-20
	2	56-57
	3	120, 131
	4	198
	5	250
	6	362
	7	453, 491
	9	584
Tetranychus willamettei McG.-----	4	180
	8	535
Tetrastichus asparagi Crawford-----	5	283
Tettigoniidae-----	6 (Sup.)	441
Thalessa lunator F.-----	9	610
Theobaldia inornata (Will.)-----	1	27
Thrips tabaci Lind.-----	3	119, 124
	4	169, 196, 204
	5	284
	6	353-354, 375
	7	484
	8	549
	9	603
Thyridopteryx ephemeraeformis (Haw.)-----	5	294
	6	315, 364-365
	7	494
	9	610
	10	675
Thyanta custator F.-----	5	250
	8	540
Thylodrias contractus Mots.-----	7	512
Thysanoptera-----	1	24
	3	108, 124
	4	148, 169, 204, 212-213
		217
	5	291
	6	374, 375
	7	505
Timarcha intricata Hald.-----	4	197
	5	285
Tingidae-----	7	505
Tipulidae-----	1	10
	2	56
	3	122
	4	224

<i>Tischeria malifoliella</i> Clem-----	6	335
<i>Tomostethus multicinctus</i> Rohw.-----	4	208
Tortricidae-----	4	180
<i>Toumeyella numismaticum</i> P. & McD.-----	7	500
	8	564
	9	614
<i>Toumeyella liriodendri</i> Gmel.-----	3	130
	9	615
<i>Toxoptera graminum</i> Rond.-----	2	51,58
	3	98
	4	161
<i>Toxotrypana curvicauda</i> Gerst.-----	4	182
	9	596
<i>Trachelus tabidus</i> (F.)-----	9	587
<i>Trachyphloeus bifoveolatus</i> Beck-----	10	685
<i>Trachyrhachis kiowa</i> Thos.-----	6 (Sup.)	390, 391, 395, 398, 402
		403, 407, 410, 414, 415
		417, 420, 421, 422, 425
		430, 433, 434, 435, 441
<i>Trachyrhachis kiowa fuscifrons</i> (Stal)-----	6 (Sup.)	425
<i>Tremex columba</i> (L.)-----	9	610
<i>Trialeurodes abutilonea</i> Hald.-----	8	557
<i>Trialeurodes vaporariorum</i> (Westw.)-----	3	114, 115
	6	355
	8.	543, 566
<i>Trialeurodes variabilis</i> Quaint.-----	4	182
	9	596
<i>Triaspis thoracicus</i> Curt.-----	10	663
<i>Tribolium castaneum</i> (Hbst.)-----	9	627
<i>Tribolium madens</i> Charp.-----	4	224
<i>Tribolium</i> spp.-----	9	627
<i>Trichodectes equi</i> (L.)-----	2	83
<i>Trichogramma</i> spp.-----	3	102
	4	167
	5	260
	7	461
	8	534
<i>Trifidaphis phaseoli</i> Pass.-----	3 (Sup.)	146
	4	203
<i>Trimerotropis agrestis</i> McN.-----	6 (Sup.)	395, 414
<i>Trimerotropis campestris</i> McN.-----	6 (Sup.)	410, 441
<i>Trimerotropis citrina</i> Scudd.-----	6 (Sup.)	425, 426
<i>Trimerotropis gracilis</i> Thos.-----	6 (Sup.)	435, 441
<i>Trimerotropis laticincta</i> Sauss.-----	6 (Sup.)	395, 396, 402, 403, 417
		420, 441
<i>Trimerotropis latifasciata laticincta</i> Sauss.---	6 (Sup.)	425
<i>Trimerotropis pallidipennis</i> Burn.-----	6 (Sup.)	390, 391, 395, 410, 414
		417, 418, 425, 435, 436
		441
<i>Trimerotropis pistrinaria</i> Sauss.-----	6 (Sup.)	420, 441
<i>Trimerotropis sparsa</i> Thos.-----	6 (Sup.)	441
<i>Trimerotropis strenua</i> McN.-----	6 (Sup.)	435
<i>Trioza diospyri</i> (Ashm.)-----	6	343
	7	472

Trirhabda brevicollis Lec.-----	3	129
Troctes divinatorius Mull.-----	7	513
Trombicula irritans (Riley)-----	2	79
(Changed to Eutrombicula alfreddugesi (Oud.))		
	5	307
	6	379
	7	507
Tropaea luna (L.)-----	2	56
Tropodolophus formosus Say-----	6 (Sup.)	395
Trypoxylon clavatus Say-----	7	511
Tyloderma fragariae (Riley)-----	7	484
	8	550
Typhaea fumata L.-----	8	577
	9	627
Typhaea stercorea L.-----	7	512
Typhlocyba pomaria McAtee-----	4	174-175
	5	264-265
	8	537
	9	592
Typhlocyba rosae (L.)-----	9	594
Typophorus viridicyaneus Crotch-----	5	284
Utetheisa bella L.-----	6	332
Vanessa cardui (L.)-----	3	93
Xanthippus corallipes Hald.-----	6 (Sup.)	390, 391, 414, 433
Xanthippus corallipes latefasciatus Scudd.-----	6 (Sup.)	420
Xanthippus corallipes pantherinus Scudd.-----	6 (Sup.)	425
Xanthopastis tinnais Cramer-----	3	132
	4	215
Xenopsylla cheopis (Rothsch.)-----	7	508
	10	685
Xestobium rufovillosum Deg.-----	2	85
Xyloryctes satyrus F.-----	8	560
Xylocrius agassizi Lec.-----	4	179
Zenillia caesar Ald.-----	9 (Sup.)	650, 654
Zenillia mitis Meig.-----	9 (Sup.)	636
Zenillia roseanae B. B.-----	9 (Sup.)	636
Zenillia sp.-----	9 (Sup.)	651

The common names approved by the American Association of Economic Entomologists are indicated by the letters a.n.o. (American name, official).

Alfalfa caterpillar a.n.o.-----	Eurymus eurytheme (Bdv.) (Changed to Colias eurytheme (Bdv.))
Alfalfa weevil a.n.o.-----	Hypera postica (Gyll.)
American dog tick a.n.o.-----	Dermacentor variabilis (Say)
Angoumois grain moth a.n.o.-----	Sitotroga cerealella (Oliv.)
Apple curculio a.n.o.-----	Tachypterellus quadrigibbus (Say)
Apple flea weevil a.n.o.-----	Orchestes pallicornis Say (Changed to Rhynchaenus pallicornis (Say))
Apple leaf skeletonizer a.n.o.-----	Psorosina hammondi (Riley)
Apple leaf trumpet miner a.n.o.-----	Tischeria malifoliella Clem.
Apple maggot a.n.o.-----	Rhagoletis pomonella (Walsh)
Apple seed chalcid a.n.o.-----	Callimome druparum (Boh.)
Apple twig borer a.n.o.-----	Schistoceros hamatus (F.)
Arborvitae aphid-----	Lachnus thujafilina Del G.
Arborvitae leaf miner a.n.o.-----	Argyresthia thuiella (Pack.)
Army cutworm a.n.o.-----	Chorizagrotis auxiliaris (Grote)
Armyworm a.n.o.-----	Cirphis unipuncta Haw.
Asiatic garden beetle a.n.o.-----	Autoserica castanea (Arrow)
Asparagus beetle a.n.o.-----	Crioceris asparagi (L.)
Avocado red mite a.n.o.-----	Paratetranychus yothersi McG.
Azalea lacebug-----	Stephanitis pyrioides Scott
Azalea leaf miner-----	Gracilaria azaleella Brants
Azalea scale-----	Eriococcus azaleae Comst.
Bagworm a.n.o.-----	Thyridopteryx ephemeraeformis (Haw.)
Banded ash borer-----	Neoclytus caprea Say
Banded cucumber beetle a.n.o.-----	Diabrotica balteata Lec.
Bat bug-----	Cimex pilosellus Horv.
Bean aphid a.n.o.-----	Aphis rumicis L.
Bean leaf beetle a.n.o.-----	Cerotoma trifurcata (Forst.)
Bean leaf roller a.n.o.-----	Goniurus proteus (L.) (Changed to Urbanus proteus (L.))
Bean weevil a.n.o.-----	Acanthoscelides obtectus (Say)
Bedbug a.n.o.-----	Cimex lectularius L.
Beech scale a.n.o.-----	Cryptococcus fagi (Baer.)
Beet armyworm a.n.o.-----	Laphygma exigua (Hbn.)
Beet leafhopper a.n.o.-----	Eutettix tenellus (Bak.)
Beet webworm a.n.o.-----	Loxostege sticticalis (L.)
Bella moth-----	Utetheisa bella L.
Birch leaf miner-----	Fenusa pumila Klug
Biting cat louse-----	Bovicola subrostratus Nitz.
Black blowfly-----	Phormia regina Meig.
Black cherry aphid a.n.o.-----	Myzus cerasi (F.)
Black grain stem sawfly a.n.o.-----	Trachelus tabidus (F.)
Black Hills beetle a.n.o.-----	Dendroctonus ponderosae Hopk.
Black-legged tick a.n.o.-----	Ixodes ricinus scapularis Say
Black peach aphid a.n.o.-----	Amuraphis persicae-niger (Smith)
Black pecan aphid a.n.o.-----	Melanocallis caryaefoliae (Davis)
Black scale a.n.o.-----	Saissetia oleae (Bern.)
Black turpentine beetle a.n.o.-----	Dendroctonus terebrans (Oliv.)
Black vine weevil a.n.o.-----	Brachyrhinus sulcatus (F.)
Black widow spider a.n.o.-----	Latrodectus mactans (F.)

Boll weevil a.n.o.-----
 Bollworm a.n.o.-----
 Booklouse a.n.o.-----
 Boxelder bug a.n.o.-----
 Boxwood leaf miner a.n.o.-----
 Boxwood psyllid a.n.o.-----
 Bronzed birch borer a.n.o.-----
 Brown-banded cockroach-----
 Brown dog tick a.n.o.-----
 Brown spider beetle a.n.o.-----
 Brown-tail moth a.n.o.-----
 Buck moth a.n.o.-----
 Buffalo gnats-----
 Buffalo treehopper a.n.o.-----
 Bulb mite a.n.o.-----
 Bumble flower beetle a.n.o.-----

Cabbage aphid a.n.o.-----
 Cabbage curculio a.n.o.-----
 Cabbage looper a.n.o.-----
 Cabbage maggot a.n.o.-----
 Cabbage shoot weevil-----
 Cabbage webworm a.n.o.-----
 California red scale a.n.o.-----

California tent caterpillar a.n.o.-----
 Carpenter worm a.n.o.-----
 Carrot beetle a.n.o.-----
 Carrot weevil a.n.o.-----
 Catalpa sphinx a.n.o.-----
 Cattle biting-louse a.n.o.-----
 Cecropia moth a.n.o.-----

Cedar bark beetle-----
 Changa a.n.o.-----
 Cherry fruitfly a.n.o.-----
 Cherry leaf miner-----
 Cherry maggot a.n.o.-----
 Chigger a.n.o.-----

Chinch bug a.n.o.-----
 Chrysanthemum aphid a.n.o.-----
 Chrysanthemum gall midge a.n.o.-----
 Chrysanthemum leaf miner a.n.o.-----
 Cigar casebearer a.n.o.-----
 Cigarette beetle a.n.o.-----
 Citrus mealybug a.n.o.-----
 Citrus red mite a.n.o.-----
 Citrus root weevil-----
 Citrus rust mite a.n.o.-----
 Citrus whitefly a.n.o.-----
 Clover hay worm a.n.o.-----
 Clover leaf weevil a.n.o.-----
 Clover mite a.n.o.-----

Anthonomus grandis Boh.
Heliothis obsoleta (F.)
Troctes divinatorius (Mull.)
Leptocoris trivittatus (Say)
Monarthropalpus buxi Laboulb.
Psylla buxi (L.)
Agrilus anxius Gory
Supella supellectilium Serv.
Rhipicephalus sanguineus (Latr.)
Ptinus brunneus Duft.
Nygma phaeorrhoea (Donov.)
Hemileuca maia (Drury)
Eusimulium sp.
Ceresa bubalus (F.)
Rhizoglyphus hyacinthi Bdv.
Euphoria inda (L.)

Brevicoryne brassicae (L.)
Geutorhynchus rapae Gyll.
Autographa brassicae (Riley)
Hyalemya brassicae (Bouche)
Geutorhynchus assinilis Payk.
Hellula undalis (F.)
Chrysomphalus aurantii (Mask.) (Changed to
Aonidiella aurantii (Mask.))
Malacosoma californica (Pack.)
Prionoxystus robiniae (Peck)
Ligyris gibbosus (Deg.)
Listronotus latiusculus (Boh.)
Ceratomia catalpae (Bdv.)
Bovicola bovis (L.)
Platysamia cecropia (L.) (Changed to
Samia cecropia (L.))
Phloeosinus cristatus Lec.
Scapteriscus vicinus Scudd.
Rhagoletis cingulata (Loew)
Protenusa collaris MacG.
Rhagoletis cingulata (Loew)
Trombicula irritans (Riley) (Changed to
Eutrombicula alfreddugesi (Oud.))
Blissus leucopterus (Say)
Macrosiphoniella sanborni (Gill.)
Diarthronomyia hypogaea (Loew)
Phytomyza chrysanthemi (Kowarz)
Coleophora fletcherella Fern.
Lasioderma serricorne (F.)
Pseudococcus citri (Risso)
Paratetranychus citri McG.
Pachnaeus opalus Oliv.
Phyllocoptes oleivorus Ashm.
Dialeurodes citri (Ashm.)
Hypsopygia costalis (F.)
Hypera punctata (F.)
Bryobia praetiosa Koch

Clover root borer a.n.o.-----
 Clover seed chalcid a.n.o.-----
 Clover seed midge a.n.o.-----
 Clover stem borer a.n.o.-----
 Cluster fly a.n.o.-----
 Codling moth a.n.o.-----
 Colorado potato beetle a.n.o.-----
 Columbine borer a.n.o.-----
 Columbine leaf miner-----
 Common cattle grub a.n.o.-----
 Common red spider a.n.o.-----
 Comstock's mealybug-----
 Corn ear worm a.n.o.-----
 Corn flea beetle a.n.o.-----
 Corn lantern fly-----
 Corn leaf aphid a.n.o.-----
 Corn root webworm a.n.o.-----
 Corn rootworm a.n.o.-----
 Cotton flea hopper a.n.o.-----
 Cotton leaf perforator a.n.o.-----
 Cotton leaf worm a.n.o.-----
 Cotton square borer a.n.o.-----
 Cotton stainer a.n.o.-----
 Cottonwood borer-----
 Cottonwood leaf beetle a.n.o.-----
 Cottony-cushion scale a.n.o.-----
 Cottony maple scale a.n.o.-----
 Cottony cypress scale-----
 Cowpea aphid a.n.o.-----
 Cowpea curculio a.n.o.-----
 Crapemyrtle aphid a.n.o.-----
 Curled rose sawfly a.n.o.-----

 Currant aphid a.n.o.-----
 Currant spanworm a.n.o.-----
 Cyclamen mite a.n.o.-----

Deodar weevil a.n.o.-----
 Destructor scale-----
 Diamondback moth a.n.o.-----
 Dingy cutworm a.n.o.-----
 Douglas fir beetle a.n.o.-----
 Douglas fir tussock moth a.n.o.-----
 Dried fruit beetle a.n.o.-----
 Drug store weevil a.n.o.-----

Ear tick a.n.o.-----
 Early strawberry slug-----
 Eastern spruce beetle a.n.o.-----
 Eastern tent caterpillar a.n.o.-----
 Eggplant lacebug a.n.o.-----
 Eight-spotted forester a.n.o.-----
 Elm lacebug-----
 Elm leaf beetle a.n.o.-----

Hylastinus obscurus (Marsh.)
Bruchophagus gibbus (Boh.)
Dasyneura leguminicola (Lint.)
Languria mozardi Latr.
Pollenia rudis (F.)
Carpocapsa pomonella (L.)
Leptinotarsa decemlineata (Say)
Papaipema purpurifascia (G. & R.)
Phytomyza minuscula Gour.
Hypoderma lineatum (DeVill.)
Tetranychus telarius (L.)
Pseudococcus comstocki Comst.
Heliothis obsoleta (F.)
Chaetocnema pulicaria Melsh.
Peregrinus maidis Ashm.
Aphis maidis Fitch
Crambus caliginosellus Clem.
Diabrotica longicornis (Say)
Psallus seriatus (Reut.)
Bucculatrix thurberiella Busck
Alabama argillacea (Hbn.)
Strymon melinus (Hbn.)
Dysdercus suturellus (H. S.)
Plectrodera scalator F.
Chrysomela scripta F.
Icerya purchasi Mask.
Pulvinaria vitis (L.)
Ehrhornia cupressi Ehr.
Aphis medicaginis Koch
Chalcodermus aeneus Boh.
Myzocallis kahawaluokalani Kirk.
Emphytus cinctipes Nort. (Changed to
Allantus cinctus (L.))
Capitophorus ribis (L.)
Itameribearia (Fitch)
Tarsonerus pallidus Banks

Pissodes nemorensis Germ.
Aspidiotus destructor Sign.
Plutella maculipennis (Curt.)
Feltia subgothica (Haw.)
Dendroctonus pseudotsugae Hopk.
Hemerocampa pseudotsugata McD.
Carpophilus hemipterus (L.)
Sitodrepa panicea (L.) (Changed to
Stegobium paniceum (L.))

Ornithodoros megnini Duges
Empria gregariae Rohw.
Dendroctonus piceaperda Hopk.
Malacosoma americana (F.)
Gargaphia solani Heid.
Alypia octomaculata (F.)
Corythucha ulmi O. & D.
Galerucella xanthomelaena (Schr.)

Elm sawfly a.n.o.-----	<i>Cimbex americana</i> Leach
Elm scurfy scale a.n.o.-----	<i>Chionaspis americana</i> Johns.
Elm spanworm a.n.o.-----	<i>Eumomes subsignarius</i> (Hbn.)
Euonymus scale a.n.o.-----	<i>Chionaspis euonymi</i> Comst.
European chicken flea a.n.o.-----	<i>Ceratophyllus gallinae</i> Schr.
European corn borer a.n.o.-----	<i>Pyrausta nubilalis</i> (Hbn.)
European earwig a.n.o.-----	<i>Forficula auricularia</i> L.
European elm scale a.n.o.-----	<i>Gossyparia spuria</i> (Mod.)
European fruit lecanium a.n.o.-----	<i>Lecanium corni</i> Bouche
European peach scale a.n.o.-----	<i>Lecanium persicae</i> (F.)
European pine shoot moth a.n.o.-----	<i>Rhyacionia buoliana</i> (Schiff.)
European red mite a.n.o.-----	<i>Paratetranychus pilosus</i> (C. & F.)
European spruce sawfly a.n.o.-----	<i>Diprion polytomum</i> (Htg.)
European wheat stem sawfly a.n.o.-----	<i>Cephus pygmaeus</i> (L.)
European willow leaf beetle-----	<i>Plagioderma versicolora</i> Laich
Eye-spotted budmoth a.n.o.-----	<i>Spilonota ocellana</i> (D. & S.)
Fall armyworm a.n.o.-----	<i>Laphygma frugiperda</i> (A. & S.)
Fall cankerworm a.n.o.-----	<i>Alsophila pometaria</i> (Harr.)
Fall webworm a.n.o.-----	<i>Hyphantria cunea</i> (Drury)
False chinch bug a.n.o.-----	<i>Nysius ericae</i> (Schill.)
False potato beetle a.n.o.-----	<i>Leptinotarsa juncta</i> (Germ.)
False wireworms-----	<i>Eleodes</i> spp.
Feather mite-----	<i>Liponyssus sylviarum</i> C. & F.
Fickle midge-----	<i>Sciata inconstans</i> Fitch
Field cricket a.n.o.-----	<i>Gryllus assimilis</i> F.
Fire ant a.n.o.-----	<i>Solenopsis geninata</i> (F.)
Flatheaded apple tree borer a.n.o.-----	<i>Chrysobothris femorata</i> (Oliv.)
Florida red scale a.n.o.-----	<i>Chrysomphalus aonidum</i> (L.)
Flower thrips a.n.o.-----	<i>Frankliniella tritici</i> (Fitch)
Forest tent caterpillar a.n.o.-----	<i>Malacosoma disstria</i> Hbn.
Four-lined plant bug a.n.o.-----	<i>Poecilocapsus lineatus</i> (F.)
Fowl tick a.n.o.-----	<i>Argas miniatus</i> Koch
Fruit tree leaf roller a.n.o.-----	<i>Cacoecia argyrospila</i> (Walk.)
Fuller's rose beetle a.n.o.-----	<i>Pantomorus godmani</i> (Crotch)
Garden flea hopper a.n.o.-----	<i>Halticus citri</i> (Ashm.)
Garden springtail a.n.o.-----	<i>Bourletiella hortensis</i> (Fitch)
Garden webworm a.n.o.-----	<i>Loxostege similalis</i> (Guen.)
Gladiolus thrips a.n.o.-----	<i>Taeniothrips simplex</i> Morison
Golden oak scale-----	<i>Asterolecanium variolosum</i> Ratz.
Goldsmith beetle-----	<i>Cotalpa lanigera</i> L.
Gouty oak gall-----	<i>Andricus punctatus</i> Bass.
Gouty vein gall-----	<i>Dasyneura communis</i> Felt
Grape berry moth a.n.o.-----	<i>Polychrosis viteana</i> (Clem.)
Grape colaspis a.n.o.-----	<i>Colaspis brunnea</i> (F.)
Grape leaf folder a.n.o.-----	<i>Desmia funeralis</i> (Hbn.)
Grape leafhopper a.n.o.-----	<i>Erythroneura comes</i> (Say)
Grape mealybug a.n.o.-----	<i>Pseudococcus maritimus</i> (Ehrh.)
Grape phylloxera a.n.o.-----	<i>Phylloxera vitifoliae</i> (Fitch)
Grape plume moth a.n.o.-----	<i>Oxyptilus periscelidactylus</i> (Fitch) (Changed to <i>Pterophorus periscelidactylus</i> Fitch)
Grape sawfly a.n.o.-----	<i>Erythraspides pygmaea</i> (Say)
Grape tomato gall-----	<i>Lasioptera vitis</i> O. S.

Grapevine aphid a.n.o.-----
 Grass thrips a.n.o.-----
 Green bug a.n.o.-----
 Green citrus aphid-----
 Green clover worm a.n.o.-----
 Green fruitworm a.n.o.-----
 Green June beetle a.n.o.-----
 Green peach aphid a.n.o.-----
 Greenhouse stone cricket a.n.o.-----
 Greenhouse whitefly a.n.o.-----
 Green stinkbug a.n.o.-----
 Green-striped maple worm a.n.o.-----
 Gulf coast tick a.n.o.-----
 Gypsy moth a.n.o.-----

Hackberry nipple gall a.n.o.-----
 Hairy chinch bug a.n.o.-----
 Harlequin bug a.n.o.-----
 Hemlock looper a.n.o.-----
 Hessian fly a.n.o.-----
 Hickory-nut curculio-----
 Hickory shuck worm a.n.o.-----
 Hog louse a.n.o.-----

Holly budmoth-----
 Holly leaf miner a.n.o.-----
 Hop aphid a.n.o.-----
 Hop flea beetle a.n.o.-----
 Horn fly a.n.o.-----
 Horse biting-louse a.n.o.-----
 Horse botfly a.n.o.-----
 House cricket a.n.o.-----
 Howard's scale a.n.o.-----

Imbricated snout beetle a.n.o.-----
 Imported cabbage worm-----
 Imported currant worm a.n.o.-----
 Indian-meal moth a.n.o.-----
 Introduced pine sawfly a.n.o.-----
 Iris borer a.n.o.-----

Japanese beetle a.n.o.-----
 Juniper scale-----
 Juniper webworm-----

Larch casebearer a.n.o.-----
 Larch sawfly a.n.o.-----
 Latania scale-----
 Lead cable borer a.n.o.-----
 Leaf crumpler a.n.o.-----
 Leaf-footed bug a.n.o.-----
 Lesser apple worm a.n.o.-----
 Lesser bulb fly a.n.o.-----

Aphis illinoisensis Shim.
Anaphothrips obscurus (Mull.)
Toxoptera graminum Rond.
Aphis spiraeicola Patch
Plathypena scabra (F.)
Graptolitha antennata (Walk.)
Cotinis nitida (L.)
Myzus persicae (Sulz.)
Tachycines asynamorus Adel.
Trialeurodes vaporariorum (Westw.)
Acrosternum hilare (Say)
Anisota rubicunda F.
Amblyomma maculatum Koch
Porthetria dispar (L.)

Pachypsylla celtidis-mamma Riley
Blissus hirtus Montd.
Murgantia histrionica (Hahn)
Ellopiia fiscellaria Guen.
Phytophaga destructor (Say)
Conotrachelus affinis Boh.
Laspeyresia caryana (Fitch)
Haematopinus suis (L.) (Changed to
Haematopinus adventicius Neum.)
Rhopobota naevana ilicifoliana Kearf.
Phytomyza ilicis Curt.
Phorodon humili (Schr.)
Psylliodes punctulata Melsh.
Haematobia irritans L.
Trichodectes equi (L.)
Gasterophilus intestinalis (Deg.)
Gryllus domesticus L.
Aspidiotus howardi Ckll.

Epicaerus imbricatus (Say)
Pieris rapae (L.)
Pteronidea ribesii (Scop.)
Plodia interpunctella (Hbn.)
Diprion simile (Htg.)
Macronoctus onusta Grote

Popillia japonica Newm.
Diaspis carueli Targ.
Dichomeris marginellus F.

Coleophora laricella Hbn.
Lygaeonematus erichsonii (Htg.)
Aspidiotus lataniae Sign.
Scobicia declivis (Lec.)
Mineola indigenella (Zell.)
Leptoglossus phyllopus (L.)
Grapholitha prunivora (Walsh)
Eumerus tuberculatus Rond.

Lesser cornstalk borer a.n.o.-----
 Lilac borer a.n.o.-----
 Lilac leaf miner a.n.o.-----
 Lime-tree looper a.n.o.-----
 Locust borer a.n.o.-----
 Locust leaf miner a.n.o.-----
 Locust twig borer-----
 Lodgepole needle miner a.n.o.-----
 Lone star tick a.n.o.-----
 Long-nosed cattle louse-----
 Luna moth a.n.o.-----

Magnolia scale a.n.o.-----
 Maple bladder gall-----
 Maple borer-----
 Margined blister beetle a.n.o.-----
 Meadow plant bug a.n.o.-----
 Mediterranean fig scale-----
 Melon aphid a.n.o.-----
 Melonworm a.n.o.-----
 Mexican bean beetle a.n.o.-----
 Mormon cricket a.n.o.-----
 Mountain pine beetle a.n.o.-----
 Mourning-cloak butterfly a.n.o.-----
 Mulberry whitefly a.n.o.-----

Nantucket pine shoot moth-----
 Nevada buck-moth-----
 New York weevil a.n.o.-----
 Northern mole cricket a.n.o.-----
 Norway maple aphid a.n.o.-----

Oak club gall-----
 Oak lecanium-----
 Oblique-banded leaf roller a.n.o.-----
 Obscure scale a.n.o.-----
 Oriental rat flea a.n.o.-----
 Oystershell scale a.n.o.-----

Pacific mite-----
 Pale western cutworm a.n.o.-----

Pales weevil a.n.o.-----
 Palm leaf skeletonizer-----
 Pandora moth a.n.o.-----
 Papaya fruitfly a.n.o.-----
 Papaya whitefly-----
 Pavement ant a.n.o.-----
 Pea aphid a.n.o.-----

Pea moth a.n.o.-----
 Pea weevil a.n.o.-----
 Peach borer a.n.o.-----
 Peach twig borer a.n.o.-----
 Pear borer-----

Elasmopalpus lignosellus (Zell.)
Podosesia syringae (Harr.)
Gracilaria syringella F.
Erannis tiliaria (Harr.)
Cyllene robiniae (Forst.)
Chalepus dorsalis Thunb.
Ecdytolopha insiticiaria Zell.
Recurvaria milleri Busck
Amblyomma mericanum (L.)
Linognathus vituli L.
Tropaea luna (L.)

Neolecanium cornuparvum (Thro)
Phyllocoptes quadriipes Shim.
Conopia acerni Clem.
Epicauta marginata (F.)
Miris dolabratus (L.)
Lepidosaphes ficus Sign.
Aphis gossypii Glov.
Diaphania hyalinata (L.)
Epilachna varivestis Muls.
Anabrus simplex Hald.
Dendroctonus monticolae Hopk.
Hamadryas antiopa (L.)
Tetraleurodes mori (Quaint.)

Rhyacionia frustrana Comst.
Homileuca nevadensis Stretch
Ithycerus noveboracensis (Forst.)
Gryllotalpa hexadactyla Perty
Periphyllus lyropictus (Kess.)

Andricus clavulus O. S.
Lecanium quercifex Fitch
Cacoecia rosaceana (Harr.)
Chrysomphalus obscurus (Comst.)
Xenopsylla cheopis (Rothsch.)
Lepidosaphes ulmi L.

Paratetranychus pacificus McG.
Perosagrotis orthogonia (Morr.) (Changed to *Agrotis orthogonia* Morr.)
Hylobius pales (Hbst.)
Homoledra sabalella Chamb.
Coloradia pandora Blake
Toxotrypana curvicauda Gerst.
Trialeurodes variabilis Quaint.
Tetranorium caespitum (L.)
Illinoia pisi (Kltb.) (Changed to *Macrosiphum pisi* (Kltb.))
Laspeyresia nigricana (Steph.)
Bruchus pisorum (L.)
Conopia exitiosa (Say)
Anarsia lineatella Zell.
Conopia pyri Harr.

Pear leaf blister mite a.n.o.-----	Eriophyes pyri Pgst.
Pear leaf-rolling midge-----	Dasyneura pyri Kieff.
Pear psylla a.n.o.-----	Psylla pyricola (Foerst.)
Pear slug a.n.o.-----	Eriocampoides limacina Ratz. (Changed to Caliroa cerasi (L.))
Pear thrips a.n.o.-----	Taeniothrips inconsequens (Uzel)
Pecan budmoth a.n.o.-----	Gretchena bolliana (Sling.)
Pecan cigar casebearer a.n.o.-----	Coleophora caryaefoliella Clem.
Pecan leaf casebearer a.n.o.-----	Acrobasis juglandis (LeB.)
Pecan nut casebearer a.n.o.-----	Acrobasis caryae Grote.
Pecan phylloxera a.n.o.-----	Phylloxera devastatrix Perg.
Pecan weevil a.n.o.-----	Curculio caryae (Horn)
Pepper weevil a.n.o.-----	Anthonomus eugenii Cano
Periodical cicada a.n.o.-----	Magicicada septendecim (L.)
Persimmon psylla a.n.o.-----	Trioza diospyri (Ashm.)
Pickleworm a.n.o.-----	Diaphania nitidalis (Stoll)
Pigeon tremex a.n.o.-----	Tremex columba (L.)
Pine aphid-----	Cinara strobilifera Fitch
Pine bark aphid a.n.o.-----	Pineus strobilifera (Htg.)
Pine needle scale a.n.o.-----	Chionaspis pinifoliae (Fitch)
Pine tube moth a.n.o.-----	Argyrotaenia pinatubana (Kearf.)
Pineapple mealybug a.n.o.-----	Pseudococcus brevipes Ckll.
Pink bollworm a.n.o.-----	Pectinophora gossypiella (Saund.)
Pink corn worm-----	Pyroderces rileyi Wlsm.
Pistol casebearer a.n.o.-----	Coleophora malivorella Riley
Pitch-eating weevil-----	Pachylobius picivorus Germ.
Pitch mass borer-----	Parharmonia pini Kellicott
Pitch twig moth a.n.o.-----	Petrova comstockiana (Fern.)
Plum curculio a.n.o.-----	Conotrachelus nemophar (Hbst.)
Plum gouger a.n.o.-----	Anthonomus scutellaris Lec.
Polka-dot wasp moth-----	Syntormoida epilais Walk.
Poplar and willow borer a.n.o.-----	Cryptorhynchus lapathi (L.) (Changed to Sternochaetus lapathi (L.))
Poplar borer a.n.o.-----	Saperda calcarata Say
Poplar leaf beetle-----	Phytodecta pallida L.
Poplar tentmaker-----	Ichthyura inclusa Hbn.
Poplar vagabond aphid a.n.o.-----	Mordwilkoja vagabunda Walsh
Potato aphid a.n.o.-----	Illinoia solanifoliae Ashm. (Changed to Macrosiphum solanifoliae (Ashm.))
Potato flea beetle a.n.o.-----	Epitrix cucumeris (Harr.)
Potato leafhopper a.n.o.-----	Empoasca fabae (Harr.)
Potato psyllid-----	Paratrioza cockerelli Sulc.
Potato tuber worm a.n.o.-----	Gnorimoschema operculella (Zell.)
Prickly-ash beetle-----	Trirhabda brevicollis Lec.
Privet thrips-----	Dendrothrips ornatus Jabl.
Purple scale a.n.o.-----	Lepidosaphes beckii (Newm.)
Rabbit flea-----	Hoplopyllus affinis Baker
Rabbit tick a.n.o.-----	Haemaphysalis leporis-palustris Pack.
Raisin moth a.n.o.-----	Ephestia figulilella Greg.
Rapid plant bug a.n.o.-----	Adelphocoris rapidus (Say)
Raspberry cane borer a.n.o.-----	Oberoa bimaculata (Oliv.)
Raspberry cane maggot a.n.o.-----	Pegomya rubivora (Coq.)
Raspberry fruitworm a.n.o.-----	Byturus unicolor Say
Raspberry root borer a.n.o.-----	Bembecia marginata (Harr.)
Raspberry sawfly a.n.o.-----	Monophadnoides rubi (Harr.)

Red-banded leaf roller a.n.o.-----	<i>Argyrotaenia velutinana</i> (Walk.)
Red-banded thrips a.n.o.-----	<i>Solenothrips rubrocinctus</i> (Giard)
Redbud aphid-----	<i>Aphis pawneepae</i> Hottes
Red elm bark weevil a.n.o.-----	<i>Magdalis armicollis</i> (Say)
Red-headed ash borer a.n.o.-----	<i>Neoclytus acuminatus</i> (F.)
Red-humped caterpillar a.n.o.-----	<i>Schizura concinna</i> (A. & S.)
Red-necked cane borer a.n.o.-----	<i>Agrilus ruficollis</i> (F.)
Red-shouldered plant bug-----	<i>Thyanta custator</i> F.
Rhododendron borer-----	<i>Conopia rhododendri</i> Beut.
Rhododendron lacebug a.n.o.-----	<i>Stephanitis rhododendri</i> Horv.
Rhubarb curculio a.n.o.-----	<i>Lixus concavus</i> Say
Ring-legged earwig a.n.o.-----	<i>Euborellia annulipes</i> (Lucas)
Rocky Mountain spotted-fever tick---	<i>Dermacentor andersoni</i> Stiles
Rose aphid a.n.o.-----	<i>Macrosiphum rosae</i> L.
Rose chafer a.n.o.-----	<i>Macroductylus subspinosus</i> (F.)
Rose curculio a.n.o.-----	<i>Rhynchites bicolor</i> (F.)
Rose leaf beetle a.n.o.-----	<i>Nodonota puncticollis</i> Say
Rose leafhopper a.n.o.-----	<i>Typhlocyba rosae</i> (L.)
Rose midge a.n.o.-----	<i>Dasyneura rhodophaga</i> (Coq.)
Rose sawfly a.n.o.-----	<i>Caliroa aethiops</i> (F.)
Rose scale a.n.o.-----	<i>Aulacaspis rosae</i> (Bouche)
Rosy apple aphid a.n.o.-----	<i>Anuraphis roseus</i> Baker
Roundheaded apple tree borer a.n.o.---	<i>Saperda candida</i> F.
Roundheaded pine beetle a.n.o.-----	<i>Dendroctonus convexifrons</i> Hopk.
Rusty plum aphid a.n.o.-----	<i>Hysteroneura setariae</i> (Thos.)
Saddle-back caterpillar a.n.o.-----	<i>Sibine stimulea</i> (Clem.)
Salt-marsh caterpillar a.n.o.-----	<i>Estigmene acrea</i> (Drury)
San Jose scale a.n.o.-----	<i>Aspidiotus perniciosus</i> Comst.
Satin moth a.n.o.-----	<i>Stilpnotia salicis</i> (L.)
Saw-toothed grain beetle a.n.o.-----	<i>Oryzaephilus surinamensis</i> (L.)
Scotch pine lecanium-----	<i>Toumeyella numismaticum</i> P. & McD.
Scotch pine weevil-----	<i>Hylobius radicis</i> Buchanan
Screwworm a.n.o.-----	<i>Cochliomyia americana</i> C. & F.
Scurfy scale a.n.o.-----	<i>Chionaspis furfura</i> (Fitch)
Secondary screwworm a.n.o.-----	<i>Cochliomyia macellaria</i> F.
Seed-corn maggot a.n.o.-----	<i>Hylemya cilicrura</i> (Rond.)
Serpentine leaf miner a.n.o.-----	<i>Agromyza pusilla</i> Meig.
Sheep biting-louse-----	<i>Bovicola ovis</i> L.
Sheep botfly a.n.o.-----	<i>Oestris ovis</i> L.
Sheep scab mite a.n.o.-----	<i>Psoroptes ovis</i> Her.
Sheep tick a.n.o.-----	<i>Melophagus ovinus</i> (L.)
Short-nosed cattle louse a.n.o.-----	<i>Haematopinus eurysternus</i> Nitz.
Shot-hole borer a.n.o.-----	<i>Scolytus rugulosus</i> (Ratz.)
Silver-spotted skipper-----	<i>Epargyreus tityrus</i> F.
Six-spotted grape beetle-----	<i>Pelidnota punctata</i> L.
Six-spotted mite a.n.o.-----	<i>Tetranychus sexmaculatus</i> Riley
Smaller European elm bark beetle a.n.o.	<i>Scolytus multistriatus</i> (Marshall)
Snowball aphid a.n.o.-----	<i>Aphis viburnicola</i> Gill.
Snowy tree cricket a.n.o.-----	<i>Oecanthus niveus</i> Deg.
Soft scale a.n.o.-----	<i>Coccus hesperidum</i> L.
Sorghum webworm a.n.o.-----	<i>Celama sorghiella</i> (Riley)
Southern armyworm a.n.o.-----	<i>Prodenia eridania</i> (Cram.)
Southern corn rootworm a.n.o.-----	<i>Diabrotica duodecimpunctata</i> (F.)

Southern green stinkbug a.n.o.-----	Nezara viridula (L.)
Southern mole cricket a.n.o.-----	Scapteriscus acletus R. & H.
Southern pine beetle a.n.o.-----	Dendroctonus frontalis Zimm.
Southern pine sawyer a.n.o.-----	Monochamus titillator (F.)
Southwestern corn borer a.n.o.-----	Diatraea grandiosella Dyar
Spinach leaf miner a.n.o.-----	Pegomya hyocyami (Panz.)
Spotted cucumber beetle a.n.o.-----	Diabrotica duodecimpunctata (F.)
Spring cankerworm a.n.o.-----	Paleacrita vernata (Peck)
Spruce aphid a.n.o.-----	Aphis abietina Walk.
Spruce bud scale-----	Physokermes piceae Schr.
Spruce budworm a.n.o.-----	Cacoecia fumiferana (Clem.)
Spruce gall aphid-----	Chermes abietis L.
Spruce mite-----	Paratetranychus uniunguis Jacobi
Spruce needle miner-----	Taniva albolineaea Kearf.
Squash beetle a.n.o.-----	Epilachna borealis (F.)
Squash borer a.n.o.-----	Melittia satyriniformis Hbn.
Squash bug a.n.o.-----	Anasa tristis (Deg.)
Stablefly a.n.o.-----	Stomoxys calcitrans (L.)
Stalk borer a.n.o.-----	Papaipema nebris nitela (Guen.)
Sticktight flea a.n.o.-----	Echidnophaga gallinacea (Westw.)
Strawberry crown borer a.n.o.-----	Tyloderma fragariae (Riley)
Strawberry crown moth a.n.o.-----	Conopia bibionipennis (Bdv.)
Strawberry fruitworm a.n.o.-----	Cnephasia longana (Haw.)
Strawberry leaf roller a.n.o.-----	Ancyliis comptana (Froel.)
Strawberry root aphid a.n.o.-----	Aphis forbesi Weed
Strawberry root weevil a.n.o.-----	Brachyrhinus ovatus (L.)
Strawberry weevil a.n.o.-----	Anthonomus signatus (Say)
Striped cucumber beetle a.n.o.-----	Diabrotica vittata (F.)
Sucking dog louse-----	Linognathus piliferus Burm.
Sugar-beet wireworm a.n.o.-----	Limónius californicus (Mann.)
Sugarcane beetle a.n.o.-----	Euetheola rugiceps (Lec.)
Sugarcane borer a.n.o.-----	Diatraea saccharalis (F.)
Sugarcane rootstock weevil-----	Anacentrinus subnudus Buchanan
Sumac flea beetle-----	Blepharida rhois Forst.
Sunflower weevil-----	Rhodoabaenus tredecimpunctatus Ill.
Sweetpotato flea beetle a.n.o.-----	Chaetocnema confinis Crotch
Sweetpotato leaf beetle-----	Typophorus viridicyaneus Crotch
Sweetpotato weevil a.n.o.-----	Cylas formicarius (F.)
Sycamore lacebug-----	Corythucha ciliata Say
Sycamore leaf roller-----	Ancyliis platanana Clem.
Tarnished plant bug a.n.o.-----	Lygus pratensis L. (Changed to Lygus pratensis oblineatus (Say))
Terrapin scale a.n.o.-----	Lecanium nigrofasciatum Perg.
Thistle aphid a.n.o.-----	Anuraphis cardui (L.)
Three-cornered alfalfa hopper a.n.o.---	Stictocephala festina (Say)
Three-lined fig borer-----	Ptychodes trilineatus L.
Throat botfly a.n.o.-----	Gasterophilus nasalis (L.)
Thurberia weevil a.n.o.-----	Anthonomus grandis thurberiae Pierce
Tiger swallowtail a.n.o.-----	Papilio glaucus turnus (L.)
Tobacco budworm a.n.o.-----	Heliothis virescens (F.)
Tobacco flea beetle a.n.o.-----	Epitrix parvula (F.)
Tobacco moth a.n.o.-----	Ephesia elutella (Hbn.)
Tobacco thrips a.n.o.-----	Frankliniella fusca (Hinds)
Tobacco worm a.n.o.-----	Protoparce quinquemaculata (Haw.)

Tomato pinworm a.n.o.-----
 Tomato psyllid-----
 Tomato worm a.n.o.-----
 Tropical fowl mite-----
 Tropical rat mite a.n.o.-----
 Tule beetle a.n.o.-----
 Tuliptree scale a.n.o.-----
 Turkey gnat a.n.o.-----
 Turnip aphid a.n.o.-----
 Twig girdler a.n.o.-----
 Twig pruner a.n.o.-----
 Two-lined chestnut borer a.n.o.-----

Unicorn caterpillar a.n.o.-----

Variegated cutworm a.n.o.-----

Vegetable weevil a.n.o.-----

Velvetbean caterpillar a.n.o.-----

Vetch bruchid a.n.o.-----

Walkingstick a.n.o.-----

Walnut caterpillar a.n.o.-----

Walnut scale a.n.o.-----

Western pine beetle a.n.o.-----

Western potato flea beetle a.n.o.-----

Western spotted cucumber beetle a.n.o.-----

Western striped cucumber beetle a.n.o.-----

Western tent caterpillar a.n.o.-----

Western tussock moth a.n.o.-----

Wheat jointworm a.n.o.-----

Wheat stem maggot a.n.o.-----

Wheat stem sawfly a.n.o.-----

Wheat straw worm a.n.o.-----

Wheat white grub-----

Wheat wireworm a.n.o.-----

White apple leafhopper a.n.o.-----

White-fringed beetle-----

White-marked tussock moth a.n.o.-----

White peach scale a.n.o.-----

White-pine weevil a.n.o.-----

Willow-grove aphid-----

Winter tick a.n.o.-----

Woolly alder aphid a.n.o.-----

Woolly apple aphid a.n.o.-----

Woolly beech aphid-----

Woolly elm aphid a.n.o.-----

Woolly larch aphid-----

Woolly maple leaf scale-----

Woolly whitefly a.n.o.-----

Yellow-necked caterpillar a.n.o.-----

Zebra caterpillar a.n.o.-----

Gnorimoschema lycopersicella (Busck)

Paratrioza cockerelli Sulc.

Protoparce sexta (Johan.)

Liponyssus bursa Berlese

Liponyssus bacoti (Hirst.)

Agonum maculicollis (Dej.)

Toumeyella liriodendri (Gmel.)

Simulium meridionale Riley

Rhopalosiphum pseudobrassicæ (Davis)

Oncideres cingulatus (Say)

Hypermallus villosus (F.)

Agrilus bilineatus (Web.)

Schizura unicornis (A. & S.)

Lycophotia margaritosa saucia Hbn.

(Changed to *Peridroma margaritosa* (Haw.))

Listroderes obliquus Klug

Anticarsia gemmatilis (Hbn.)

Bruchus brachialis Fahraeus

Diapheromera femorata (Say)

Datana integerrima G. & R.

Aspidiotus juglans-regiæ Comst.

Dendroctonus brevicornis Lec.

Epitrix subcrinita Lec.

Diabrotica soror Lec.

Diabrotica trivittata (Mann.)

Malacosoma pluvialis (Dyar)

Hemerocampa vutusta (Bdv.)

Harmolita tritici (Fitch)

Meromyza americana Fitch

Cephus cinctus Nort.

Harmolita grandis (Riley)

Phyllophaga lanceolata Say

Agriotes mancus (Say)

Typhlocyba pomaria McAtee

Naupactus leucoloma Boh.

Hemerocampa leucostigma (A. & S.)

Aulacaspis pentagona (Targ.)

Pissodes strobi (Peck)

Melanoxanthium smithiae Monell

Dormacenter albipictus (Pack.)

Prociphilus tessellatus (Fitch)

Eriosoma lanigerum (Hausm.)

Phyllaphis fagi L.

Eriosoma americanum (Riley)

Chermes strobilobius Kltb.

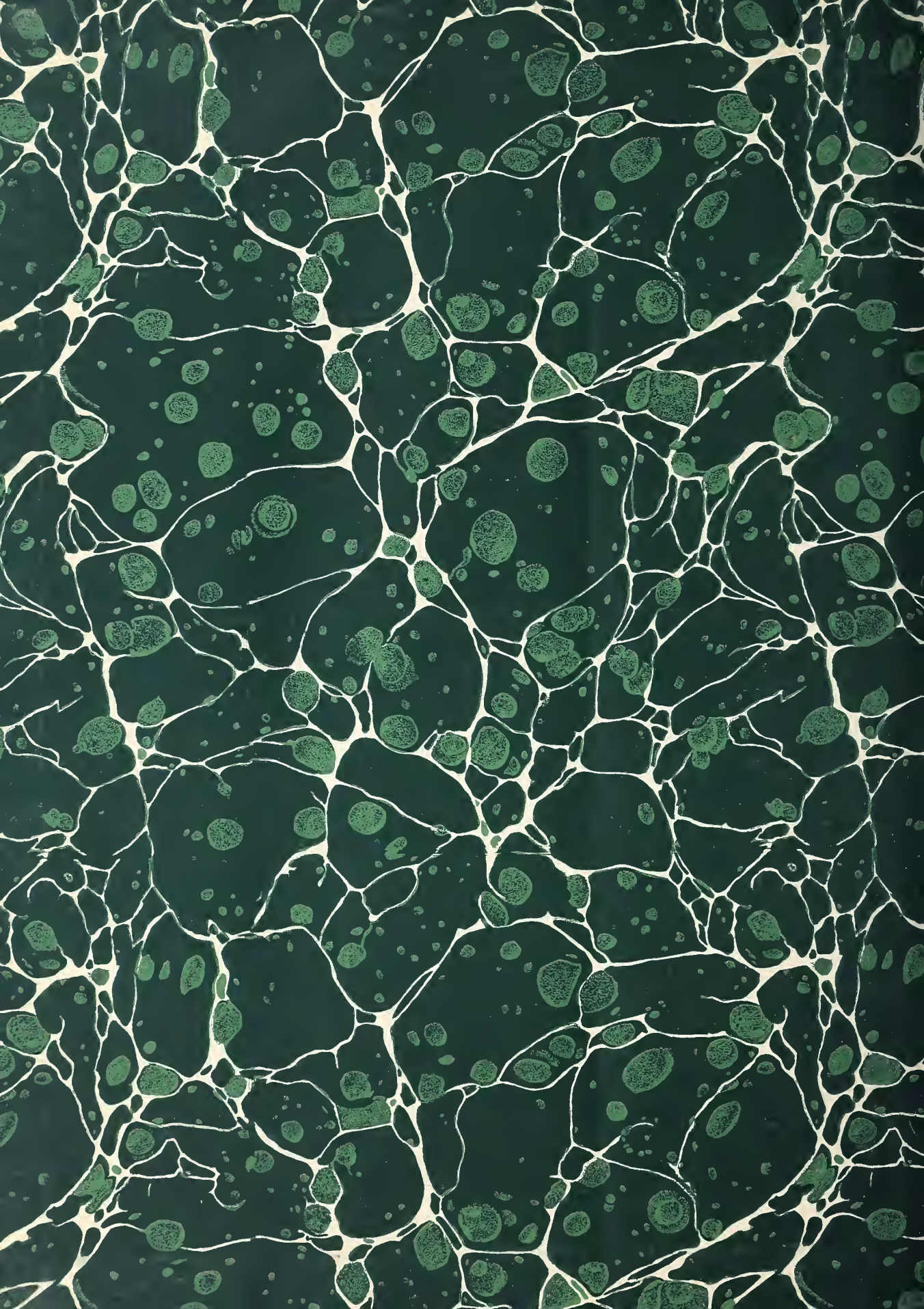
Phenacoccus acericola King

Aleurothrixus howardi (Quaint.)

Datana ministra (Drury)

Mamestra picta Harr. (Changed to

Ceramica picta (Harr.))



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